Public manufacturer report

Prusa3D

Portfolio coverage, product-level engineering context and comparative public manufacturer positioning.

3DPIceland Labs

Generated with 3DPIceland Engineering Platform v60.0.6 WORKFLOW-RELIABILITY - Bug Fixes and Workflow Reliability

2026-08-25 19:04:28

Public-data contract: portfolio statistics and positions use only explicitly allowlisted MaterialIDs and existing Verified Material Summary scores. No measurement or score is recalculated.

Public materials	Product lines	Material types	With results
49	**2**	**8**	**49**

Complete profiles	Average overall	Public global rank	Benchmark manufacturers
2	**49,4/100**	**7 of 25**	**25**

Manufacturer overview and public global position

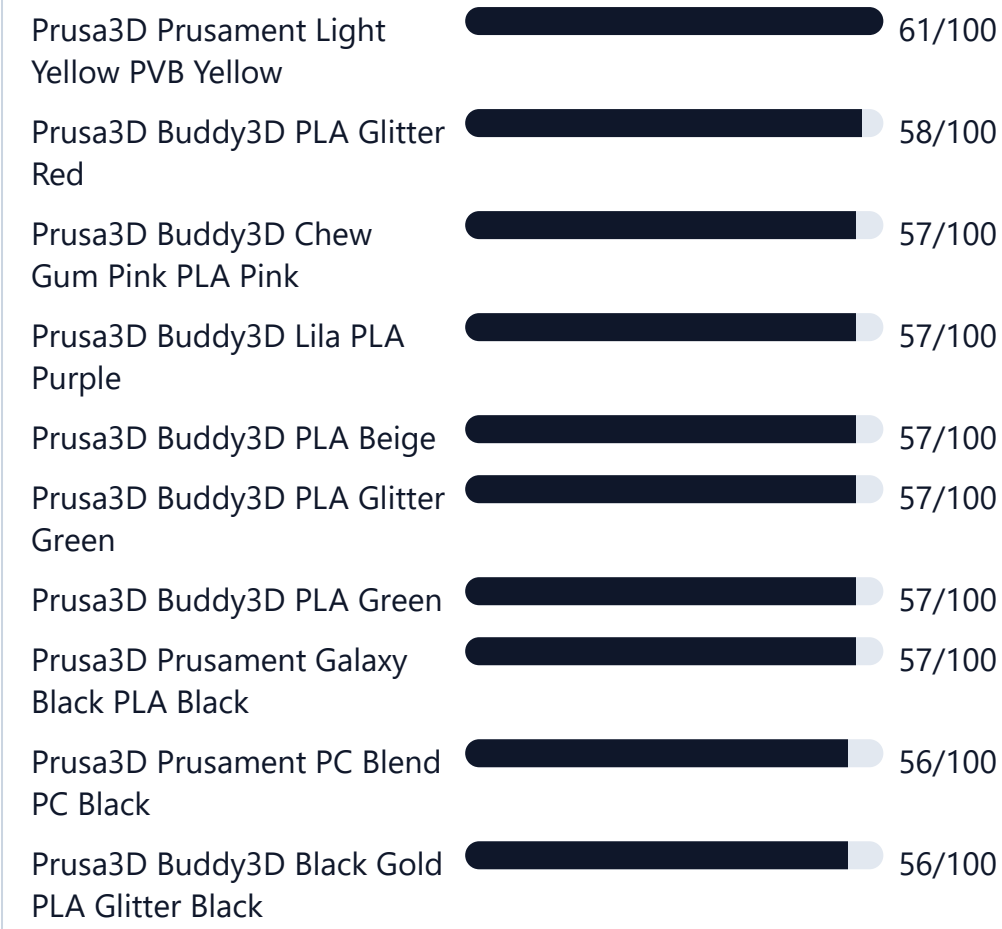
Materials	Product lines	Types	With results	Complete	Average overall	Global rank	Portfolio leader	Strongest axis	With MSRP	With video
49	2	8	49	2	49,4/100	7 of 25	Prusa3D Prusament Light Yellow PVB Yellow	consistency	49	48

Manufacturer website: Open manufacturer website

Category position by base material

Base material	Public manufacturer position	Average overall	Scored products
ABS	1 of 9	48/100	1
ASA	1 of 8	46,5/100	2
PA11	1 of 1	49/100	1
PC	1 of 4	55,5/100	2
PETG	7 of 14	41,9/100	7
PLA	5 of 17	50,8/100	33
PP	2 of 2	45/100	2
PVB	1 of 1	61/100	1

Overall leaders



Consistency leaders

Product-level engineering context

MaterialID	Material	Product line	Type	Reinforcement	Coverage	Engineering axes	Overall	Tensile	Impact	Stiffness	Consistency	Layer adhesion	Strongest axis	MSRP USD/kg	Product	Video
MAT0003	Prusa3D Buddy3D ABS Black	Buddy3D	ABS		Complete	6/5	48/100	19/100	53/100	57/100	79/100	29/100	consistency	$25.60	Product page	Video review
MAT0015	Prusa3D Prusament ASA Pro Green	Prusament	ASA		Complete	6/5	48/100	23/100	44/100	71/100	81/100	24/100	consistency	$26.40	Product page	Video review

MaterialID	Material	Product line	Type	Reinforcement	Coverage	Engineering axes	Overall	Tensile	Impact	Stiffness	Consistency	Layer adhesion	Strongest axis	MSRP USD/kg	Product	Video
MAT0012	Prusa3D Prusament Galaxy Black ASA Black	Prusament	ASA		Complete	6/5	45/100	18/100	42/100	60/100	82/100	21/100	consistency	$34.00	Product page	Video review
MAT0018	Prusa3D Prusament PA11 CF Black	Prusament	PA11	CF	Complete	6/5	49/100	34/100	25/100	100/100	76/100	10/100	stiffness	$204.00	Product page	Video review
MAT0033	Prusa3D Prusament PC Blend PC Black	Prusament	PC		Complete	6/5	56/100	39/100	46/100	68/100	87/100	40/100	consistency	$49.78	Product page	Video review
MAT0029	Prusa3D Prusament PC Blend PC CF Black	Prusament	PC	CF	Complete	6/5	55/100	35/100	32/100	100/100	85/100	22/100	stiffness	$77.50	Product page	Video review
MAT0052	Prusa3D Buddy3D PETG Blue	Buddy3D	PETG		Complete	6/5	45/100	24/100	19/100	51/100	67/100	63/100	consistency	$21.20	Product page	Video review
MAT0047	Prusa3D Prusament Jet Black PETG Black	Prusament	PETG		Complete	6/5	39/100	30/100	7/100	42/100	73/100	41/100	consistency	$30.40	Product page	n/a
MAT0048	Prusa3D Prusament Jet Black PETG V0 Black	Prusament	PETG		Complete	6/5	44/100	26/100	10/100	82/100	83/100	19/100	consistency	$55.60	Product page	Video review
MAT0042	Prusa3D Prusament PETG CF Black	Prusament	PETG	CF	Complete	6/5	44/100	25/100	16/100	64/100	77/100	37/100	consistency	$58.00	Product page	Video review
MAT0057	Prusa3D Prusament PETG Pro Green	Prusament	PETG		Complete	6/5	38/100	31/100	20/100	57/100	71/100	10/100	consistency	$30.40	Product page	Video review
MAT0059	Prusa3D Prusament Prusa Orange PETG Orange	Prusament	PETG		Complete	6/5	40/100	31/100	10/100	41/100	78/100	41/100	consistency	$30.40	Product page	Video review
MAT0061	Prusa3D Prusament Signal White PETG White	Prusament	PETG		Complete	6/5	43/100	33/100	19/100	59/100	78/100	24/100	consistency	$25.60	Product page	Video review
MAT0111	Prusa3D Buddy3D Black Gold PLA Glitter Black	Buddy3D	PLA		Complete	6/5	56/100	39/100	18/100	99/100	83/100	39/100	stiffness	$21.20	Product page	Video review
MAT0135	Prusa3D Buddy3D Chew Gum Pink PLA Pink	Buddy3D	PLA		Complete	6/5	57/100	43/100	15/100	100/100	84/100	45/100	stiffness	$15.20	Product page	Video review
MAT0222	Prusa3D Buddy3D Dark Gold PLA Silk Gold	Buddy3D	PLA		Complete	6/5	39/100	21/100	12/100	93/100	55/100	15/100	stiffness	$25.60	Product page	Video review
MAT0220	Prusa3D Buddy3D Dark Green PLA Glitter Green	Buddy3D	PLA		Complete	6/5	55/100	40/100	17/100	100/100	80/100	36/100	stiffness	$21.60	Product page	Video review
MAT0083	Prusa3D Buddy3D Ice Blue PLA Silk Blue	Buddy3D	PLA		Complete	6/5	43/100	22/100	19/100	88/100	69/100	16/100	stiffness	$21.60	Product page	Video review
MAT0136	Prusa3D Buddy3D Lila PLA Purple	Buddy3D	PLA		Complete	6/5	57/100	39/100	12/100	88/100	86/100	61/100	stiffness	$20.00	Product page	Video review
MAT0116	Prusa3D Buddy3D Pearl Blue PLA Blue	Buddy3D	PLA		Complete	6/5	54/100	34/100	24/100	100/100	79/100	35/100	stiffness	$26.80	Product page	Video review
MAT0221	Prusa3D Buddy3D Pearl Green PLA Green	Buddy3D	PLA		Complete	6/5	52/100	36/100	20/100	100/100	84/100	18/100	stiffness	$26.80	Product page	Video review
MAT0138	Prusa3D Buddy3D Pearl Red PLA Red	Buddy3D	PLA		Complete	6/5	53/100	35/100	18/100	100/100	80/100	34/100	stiffness	$16.80	Product page	Video review
MAT0103	Prusa3D Buddy3D PLA Beige	Buddy3D	PLA		Complete	6/5	57/100	37/100	21/100	100/100	83/100	45/100	stiffness	$26.80	Product page	Video review
MAT0117	Prusa3D Buddy3D PLA Glitter Blue	Buddy3D	PLA		Complete	6/5	52/100	31/100	24/100	100/100	81/100	23/100	stiffness	$26.80	Product page	Video review
MAT0132	Prusa3D Buddy3D PLA Glitter Green	Buddy3D	PLA		Complete	6/5	57/100	37/100	20/100	100/100	85/100	46/100	stiffness	$21.60	Product page	Video review
MAT0139	Prusa3D Buddy3D PLA Glitter Red	Buddy3D	PLA		Complete	6/5	58/100	37/100	17/100	100/100	83/100	54/100	stiffness	$20.80	Product page	Video review
MAT0131	Prusa3D Buddy3D PLA Green	Buddy3D	PLA		Complete	6/5	57/100	35/100	19/100	99/100	81/100	49/100	stiffness	$15.20	Product page	Video review
MAT0082	Prusa3D Buddy3D PLA Silk Black	Buddy3D	PLA		Complete	6/5	44/100	27/100	17/100	92/100	73/100	14/100	stiffness	$21.60	Product page	Video review
MAT0223	Prusa3D Buddy3D PLA Silk Blue	Buddy3D	PLA		Complete	6/5	45/100	24/100	19/100	95/100	73/100	15/100	stiffness	$21.60	Product page	Video review
MAT0085	Prusa3D Buddy3D PLA Silk Copper	Buddy3D	PLA		Complete	6/5	45/100	18/100	17/100	92/100	75/100	24/100	stiffness	$23.20	Product page	Video review
MAT0086	Prusa3D Buddy3D PLA Silk Gold	Buddy3D	PLA		Complete	6/5	47/100	25/100	15/100	96/100	77/100	21/100	stiffness	$25.60	Product page	Video review
MAT0090	Prusa3D Buddy3D PLA Silk Pink	Buddy3D	PLA		Complete	6/5	46/100	26/100	14/100	92/100	74/100	21/100	stiffness	$21.60	Product page	Video review
MAT0093	Prusa3D Buddy3D PLA Silk Red	Buddy3D	PLA		Complete	6/5	46/100	21/100	14/100	92/100	71/100	33/100	stiffness	$21.60	Product page	Video review
MAT0118	Prusa3D Prusament Azure Blue PLA Blue	Prusament	PLA		Complete	6/5	53/100	36/100	10/100	99/100	71/100	47/100	stiffness	$26.00	Product page	Video review
MAT0143	Prusa3D Prusament Corn Pigment PLA Recycled Brown	Prusament	PLA		Complete	6/5	53/100	30/100	11/100	89/100	84/100	49/100	stiffness	$32.80	Product page	Video review
MAT0112	Prusa3D Prusament Galaxy Black PLA Black	Prusament	PLA		Complete	6/5	57/100	38/100	24/100	96/100	80/100	49/100	stiffness	$30.40	Product page	Video review
MAT0137	Prusa3D Prusament Galaxy Purple PLA Purple	Prusament	PLA		Complete	5/5	55/100	32/100	14/100	96/100	84/100	50/100	stiffness	$30.40	Product page	Video review
MAT0126	Prusa3D Prusament Galaxy Silver PLA Gray	Prusament	PLA		Complete	6/5	47/100	32/100	9/100	88/100	75/100	33/100	stiffness	$30.40	Product page	Video review

MaterialID	Material	Product line	Type	Reinforcement	Coverage	Engineering axes	Overall	Tensile	Impact	Stiffness	Consistency	Layer adhesion	Strongest axis	MSRP USD/kg	Product	Video
MAT0204	Prusa3D Prusament Jet Black PLA Black	Prusament	PLA		Complete	6/5	53/100	40/100	18/100	100/100	77/100	30/100	stiffness	$25.60	Product page	Video review
MAT0144	Prusa3D Prusament Linden Light PLA Wood Wood Brown	Prusament	PLA	Wood	Complete	6/5	37/100	15/100	17/100	57/100	79/100	17/100	consistency	$36.80	Product page	Video review
MAT0205	Prusa3D Prusament Marble Gray PLA Marble Gray	Prusament	PLA		Complete	6/5	54/100	37/100	18/100	100/100	81/100	32/100	stiffness	$25.60	Product page	Video review
MAT0133	Prusa3D Prusament Mistic Green PLA Green	Prusament	PLA		Complete	6/5	56/100	38/100	22/100	99/100	84/100	36/100	stiffness	$25.60	Product page	Video review
MAT0087	Prusa3D Prusament Oh My Gold PLA Silk Gold	Prusament	PLA		Complete	6/5	43/100	34/100	15/100	72/100	79/100	17/100	consistency	$30.40	Product page	Video review
MAT0203	Prusa3D Prusament Prusa Orange PLA Orange	Prusament	PLA		Complete	6/5	56/100	42/100	20/100	93/100	86/100	41/100	stiffness	$25.60	Product page	Video review
MAT0141	Prusa3D Prusament Vanilla White PLA White	Prusament	PLA		Complete	5/5	47/100	31/100	10/100	93/100	72/100	29/100	stiffness	$30.40	Product page	Video review
MAT0081	Prusa3D Prusament Viva La Bronze PLA Silk Bronze	Prusament	PLA		Complete	6/5	45/100	35/100	15/100	64/100	86/100	24/100	consistency	$30.40	Product page	Video review
MAT0037	Prusa3D Prusament Natural PP GF White	Prusament	PP	GF	Complete	6/5	48/100	36/100	33/100	72/100	82/100	16/100	consistency	$82.82	Product page	Video review
MAT0036	Prusa3D Prusament PP CF Black	Prusament	PP	CF	Complete	6/5	42/100	22/100	29/100	46/100	87/100	28/100	consistency	$109.54	Product page	Video review
MAT0038	Prusa3D Prusament Light Yellow PVB Yellow	Prusament	PVB		Complete	6/5	61/100	35/100	53/100	72/100	86/100	57/100	consistency	$32.00	Product page	Video review

Results are comparative 3DPIceland measurements and do not replace manufacturer datasheets or accredited laboratory testing.

Testing methodology · Engineering methodology whitepaper · Download PDF

Stable public path: reports/manufacturers/prusa3d/