

HiFill® ABS 0350

Techmer Polymer Modifiers - *Acrylonitrile Butadiene Styrene*

General Information

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Material Status	• Commercial: Active
Availability	• North America
Features	• High Density
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	3.50		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	0.80	g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in)	5.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.025	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3500	psi	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	35000	psi	ASTM D790
Flexural Strength	3900	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	3.0	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	175	°F	ASTM D648

Notes

¹ Typical properties: these are not to be construed as specifications.

