

General Information

General

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> Asia Europe North America Pacific Rim
Test Standards Available	<ul style="list-style-type: none"> ASTM ISO
Features	<ul style="list-style-type: none"> RoHS Compliant
Agency Ratings	<ul style="list-style-type: none"> RoHS Compliant
Forms	<ul style="list-style-type: none"> Pellets
Processing Method	<ul style="list-style-type: none"> Extrusion

ASTM and ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density -Specific Gravity	1.04	sp gr 23/23°C	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	4.0	g/10 min	ASTM D1238
Mold Shrink, Linear-Flow	0.0030 to 0.0060	in/in	ASTM D955
Water Absorption @ 24 hrs	0.30	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength @ Yield ²	5800	psi	ASTM D638
Flexural Modulus ³	280000	psi	ASTM D790
Flexural Strength @ Yield ³	8400	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	9.00	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	99		ASTM D785
Thermal	Nominal Value	Unit	Test Method
DTUL @264psi - Unannealed (0.250 in)	194	°F	ASTM D648
Vicat Softening Temperature (B50 (50°C/h 50N))	210	°F	ISO 306
Flammability	Nominal Value	Unit	Test Method
Flame Rating - UL (0.0591 in) (0.118 in)		HB HB	UL 94

Notes

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

² 0.20 in/min

³ 0.11 in/min

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