

Termaloy L-8020

Polycarbonate + ABS

Proquigel

Message:

Provides good impact and traction resistance, with high level of elongation upon rupture. This grade is exceptionally easily processed without any wear to the screw and cylinder of the injection molding machines. Applications include manufacturing of hub caps for cars, buses and trucks.

General Information			
Features	Good Impact Resistance		
	Good Surface Finish		
Uses	Automotive Applications		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	2.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	114		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	48.0	MPa	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength (Break)	68.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.20 mm	350	J/m	
23°C, 6.20 mm	180	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	100	°C	ASTM D648
Vicat Softening Temperature	120	°C	ASTM D1525

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