

ABS Proquigel RF-70

Acrylonitrile Butadiene Styrene

Proquigel

Message:

Formulated for high performance both at low and high temperatures. It possesses a high tensile strength and excellent impact resistance. Ideal for use in refrigerator and freezer liners where stress-cracking, toughness, high gloss and wear are essential requisites.

General Information	
Features	Good Chemical Resistance
	Good Impact Resistance
	High Gloss
	High Strength
Uses	Appliance Components
Appearance	Colors Available
Forms	Pellets
Processing Method	Extrusion
	Vacuum Forming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	0.40	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	40.0	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength (Break)	63.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.20 mm	300	J/m	
23°C, 6.20 mm	260	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	86.0	°C	ASTM D648
Vicat Softening Temperature	106	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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