

Polimeri Europa SINKRAL G523 ABS, High Impact (discontinued **)

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Impact Grade, Molded

Material Notes:

High impact; good flow; high gloss. Information provided by Enichem Polimeri Europa now has Enichem's plastics businesses. This grade is no longer in the product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-SINKRAL-G523-ABS-High-Impact-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM D955
Melt Flow	5.0 g/10 min	5.0 g/10 min	Cond. I; ASTM D1238
	@Load 3.80 kg, Temperature 230 °C	@Load 8.38 lb, Temperature 446 °F	
	18 g/10 min	18 g/10 min	ISO 1133
	@Load 10.0 kg, Temperature 220 °C	@Load 22.0 lb, Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Yield	40.7 MPa	5900 psi	ASTM D638
Elongation at Break	50 %	50 %	ASTM D638
Flexural Modulus	2.73 GPa	396 ksi	ASTM D790
Izod Impact, Notched	3.70 J/cm	6.93 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	99.0 °C	210 °F	Annealed; ASTM D648
Vicat Softening Point	104 °C	219 °F	ASTM D1525
Flammability, UL94	HB	HB	1/8 inch
	HB	HB	1/16 inch

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