

Veroplas K80

Polymethyl Methacrylate Acrylic
PlastxWorld Inc.

Message:

Veroplas K80 is a Polymethyl Methacrylate Acrylic product. It can be processed by injection molding and is available in Europe or North America.

General Information			
Features		General Purpose Medium Flow	
Uses		General Purpose	
Forms		Pellets	
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	66.9	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Strength	97.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.35 mm)	92.2	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Refractive Index	1.490		ASTM D542
Transmittance	92.0	%	ASTM D1003

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