

# Veroplas K160

Polymethyl Methacrylate Acrylic  
PlastxWorld Inc.

Message:

Veroplas K160 is a Polymethyl Methacrylate Acrylic product. It can be processed by injection molding and is available in Europe or North America. Primary characteristic: high flow.

General Information			
Features	General Purpose		
	High Flow		
Uses	General Purpose		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	16	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	63.4	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Strength	91.0	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)	90.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Refractive Index	1.490		ASTM D542
Transmittance	92.0	%	ASTM D1003

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