

OPNYL OP6MT254

Polyamide 6
Ovation Polymers Inc.

Message:
Nylon 6 - Mighty Tough plasticized extrusion grade for tubing/profile applications.

General Information			
Features	Good Toughness		
	Plasticized		
Uses	Profiles		
	Tubing		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	28.0	MPa	ASTM D638
Tensile Elongation ² (Break)	60	%	ASTM D638
Flexural Modulus ³ (50.0 mm Span)	700	MPa	ASTM D790
Flexural Strength ⁴ (Yield, 50.0 mm Span)	20.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.20 mm)	64.0	°C	ASTM D648
Peak Melting Temperature	220 to 222	°C	ASTM D3418
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		
4.	1.3 mm/min		

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Recommended distributors for this material

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