

# Network Polymers PS HIPS 90 0304

High Impact Polystyrene

Network Polymers, Inc.

Message:

Network Polymers PS HIPS 90 0304 is a High Impact Polystyrene product. It is available in North America.

Characteristics include:

Flame Rated

Impact Resistant

General Information			
Features	Ultra High Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.4	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.4	MPa	ASTM D638
Tensile Elongation (Break)	35	%	ASTM D638
Flexural Modulus	2240	MPa	ASTM D790
Flexural Strength	49.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Injection Molded)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	82.2	°C	ASTM D648
Vicat Softening Temperature	103	°C	ASTM D1525
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.50 mm	HB		
3.00 mm	HB		
Optical	Nominal Value	Test Method	
Gloss (60°)	85	ASTM D2457	

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