

PrimaFlex® HP 1200

Polypropylene Homopolymer

Plastic Solutions, Inc.

Message:

Description: HP 1200 is a general purpose polypropylene homopolymer.

General Information			
Features	General Purpose		
	Good Heat Aging Resistance		
	Good Stiffness		
	High ESCR (Stress Crack Resist.)		
	Homopolymer		
Uses	Caps		
	Closures		
	Containers		
	General Purpose		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.1	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	37.8	°C	ASTM D648

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