

POLYPRO® BP2200

Polypropylene Copolymer

YUHWHA Korea Petrochemical Ind. Co., Ltd.

Message:

POLYPRO® BP2200 is a Polypropylene Copolymer (PP Copolymer) material. It is available in Asia Pacific.

Important attributes of POLYPRO® BP2200 are:

Impact Resistant

Chemical Resistant

Copolymer

Creep Resistant

High Stiffness

Typical application of POLYPRO® BP2200: Plumbing/Piping/Potable Water

General Information			
Features	Block Copolymer		
	Good Chemical Resistance		
	Good Creep Resistance		
	High Impact Resistance		
	High Stiffness		
	Low Temperature Impact Resistance		
Uses	Piping		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.3	MPa	ASTM D638
Tensile Elongation (Break)	> 300	%	ASTM D638
Flexural Modulus	1770	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	128	°C	ASTM D648
Vicat Softening Temperature	160	°C	ASTM D1525
Oxidation Induction Time (200°C)	> 30	min	ASTM D3895

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