

HIDEN® P300X

High Density Polyethylene

YUHWAA Korea Petrochemical Ind. Co., Ltd.

Message:

HIDEN® P300X is a High Density Polyethylene material. It is available in Asia Pacific.

Important attributes of HIDEN® P300X are:

Good Flexibility

Heat Resistant

Typical applications include:

Food Contact Applications

Plumbing/Piping/Potable Water

General Information			
Features	Good Flexibility		
	High Heat Resistance		
Uses	Piping		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.948	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.030	g/10 min	ASTM D1238
Water Absorption (Equilibrium)	< 0.010	%	ASTM D570
Environmental Stress-Cracking Resistance ¹	> 5000	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.5	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -80.0	°C	ASTM D746
Vicat Softening Temperature	124	°C	ASTM D1525
Additional Information	Nominal Value	Unit	Test Method
Crosslinking	> 75	%	ISO 15875
NOTE			
1.	10%		

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Recommended distributors for this material

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