

HIDEN® P601 HUBL

High Density Polyethylene

YUHW A Korea Petrochemical Ind. Co., Ltd.

Message:

HIDEN® P601 HUBL is a High Density Polyethylene material. It is available in Asia Pacific.

Important attributes of HIDEN® P601 HUBL are:

- Wear Resistant
- Carbon Black
- Good UV Resistance
- Typical applications include:
 - Coating Applications
 - Food Contact Applications
 - Plumbing/Piping/Potable Water

General Information			
Additive	Carbon Black (2%)		
Features	Good Abrasion Resistance		
	Good UV Resistance		
	Good Wear Resistance		
Uses	Pipe Coatings		
	Piping		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance ¹	> 5000	hr	ASTM D1693B
Carbon Black Content	2.3	%	ISO 6964
Carbon Black Dispersion	< 3		ISO 18553
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	62		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.6	MPa	ASTM D638
Tensile Elongation (Break)	> 600	%	ASTM D638
Flexural Modulus	755	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 490	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (1.8 MPa, Unannealed)	58.0	°C	ASTM D648
Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	122	°C	ASTM D1525
Peak Melting Temperature	132	°C	ASTM D3418

NOTE

1. 100%

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Recommended distributors for this material

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