

# Braskem PE HDP0353

High Density Polyethylene

Braskem IDESA

## Message:

HDP0353 is a high density polyethylene copolymer developed for corrugated piping applications.

Applications:

Natural bimodal high density polyethylene copolymer resin designed for corrugated pipes of small and large diameter.

Process:

Pipe Extrusion.

General Information			
Features	Copolymer		
	Bimodal molecular weight distribution		
Uses	Bellows		
	Piping system		
Appearance	Natural color		
Processing Method	Pipeline extrusion molding		
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm <sup>3</sup>	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	27.0	MPa	ASTM D638
Fracture	31.7	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	9.3	%	ASTM D638
Fracture	> 600	%	ASTM D638
Flexural Modulus - Secant	1160	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-118	°C	ASTM D746

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

