

# PrimaFlex® HD 5306

High Density Polyethylene

Plastic Solutions, Inc.

## Message:

Description: HD 5306 is a copolymer with good processability and excellent balance of ESCR, toughness and stiffness properties.

General Information			
Features	Balanced Stiffness/Toughness		
	Copolymer		
	Good Processability		
	Good Stiffness		
	Good Toughness		
	High ESCR (Stress Crack Resist.)		
Uses	Household Goods		
	Industrial Applications		
	Lawn and Garden Equipment		
	Pails		
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.7	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, F50)	< 10.0	hr	ASTM D1693A
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	63		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.3	MPa	ASTM D638
Flexural Modulus	1070	MPa	ASTM D790

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

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



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