

Asrene® UB 5206H

High Density Polyethylene
Chandra Asri Petrochemical

Message:

Asrene® UB 5206H is a High Density Polyethylene product. It can be processed by blow molding and is available in Asia Pacific, Europe, or North America. Applications of Asrene® UB 5206H include containers, electrical/electronic applications, industrial applications, plumbing/piping/potable water and wire & cable.

Characteristics include:

Good Stiffness

Hexene Comonomer

High ESCR (Stress Crack Resistant)

Impact Resistant

General Information			
Features	Good Impact Resistance		
	Good Stiffness		
	Hexene Comonomer		
	High ESCR (Stress Crack Resist.)		
Uses	Blow Molding Applications		
	Conduit		
	Containers		
	Drums		
	Industrial Applications		
	Industrial Containers		
	Piping		
	Telecommunications		
Processing Method		Blow Molding	
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.070	g/10 min	
190°C/21.6 kg	9.0	g/10 min	
Environmental Stress-Cracking Resistance (F50)	> 500	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Tensile Elongation (Break)	840	%	ASTM D638
Flexural Modulus	1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Tensile Impact Strength	360	kJ/m ²	ISO 8256
Thermal	Nominal Value	Unit	Test Method

Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	130	°C	ASTM D1525
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 to 220	°C	

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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

