

Asrene® SI 6008

High Density Polyethylene
Chandra Asri Petrochemical

Message:

Asrene® SI 6008 is a High Density Polyethylene product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of Asrene® SI 6008 include containers and industrial applications.

Characteristics include:

Good Stiffness

Impact Resistant

General Information			
Features	Good Stiffness		
	High Impact Resistance		
Uses	Containers		
	Crates		
	Industrial Applications		
	Pails		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	8.00	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	45.0	MPa	ASTM D638
Tensile Elongation (Break)	1300	%	ASTM D638
Flexural Modulus	1800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	7.0	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	128	°C	ASTM D1525
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 250	°C	

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Recommended distributors for this material

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