

Asrene® UI 2650

Linear Low Density Polyethylene

Chandra Asri Petrochemical

Message:

Asrene® UI 2650 is a Linear Low Density Polyethylene product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of Asrene® UI 2650 include caps/lids/closures, additive/masterbatch, coating applications and consumer goods.

Characteristics include:

Food Contact Acceptable

Good Processability

Good Toughness

High ESCR (Stress Crack Resistant)

High Flow

General Information			
Features	Food Contact Acceptable		
	Good Moldability		
	Good Toughness		
	High ESCR (Stress Crack Resist.)		
	High Flow		
Uses	Closures		
	Coating Applications		
	Lids		
	Masterbatch		
	Toys		
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Density	0.927	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	50	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	30.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	18.0	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	40.0	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	90.0	°C	ASTM D1525
Injection	Nominal Value	Unit	

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