

Asrene® UI 2420

Linear Low Density Polyethylene

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Message:

Asrene® UI 2420 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 2420 include caps/lids/closures, additive/masterbatch, coating applications, consumer goods and household applications.

Characteristics include:

Good Processability

Good Toughness

High Flow

General Information			
Features	Good Moldability		
	Good Toughness		
	High Flow		
Uses	Closures		
	Coating Applications		
	Household Goods		
	Lids		
	Masterbatch		
	Toys		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	24.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	13.0	MPa	ASTM D638
Tensile Elongation (Break)	450	%	ASTM D638
Flexural Modulus	650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	150	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	
Processing (Melt) Temp	175 to 225	°C	

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