

Lupoy® EU5008

Acrylonitrile Styrene Acrylate + PC

LG Chem Ltd.

Message:

Lupoy® EU5008 is an Acrylonitrile Styrene Acrylate + PC (ASA+PC) material. It is available in Asia Pacific, Europe, Latin America, or North America.

General Information			
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
250°C/2.16 kg	4.7	g/10 min	
260°C/5.0 kg	24	g/10 min	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield	53.9	MPa	ASTM D638
Yield	51.0	MPa	ISO 527-2
Tensile Elongation (Yield)	> 100	%	ASTM D638, ISO 527-2
Flexural Modulus			
--	2400	MPa	ASTM D790
--	2110	MPa	ISO 178
Flexural Stress			
--	77.5	MPa	ISO 178
Yield	91.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact			
-30°C	140	J/m	ASTM D256
23°C	590	J/m	ASTM D256
23°C	35	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, Unannealed	105	°C	ASTM D648
1.8 MPa, Unannealed	107	°C	ISO 75-2/A
Vicat Softening Temperature	125	°C	ISO 306/B50

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Recommended distributors for this material

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