

Hyundai EP PA6 LS650

Polyamide 6
HYUNDAI EP Co., Ltd.

Message:

Hyundai EP PA6 LS650 is a Polyamide 6 (Nylon 6) product filled with 30% glass fiber. It is available in Asia Pacific.

Characteristics include:

Impact Modified

Impact Resistant

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Impact Modifier		
Features	Impact Modified		
	Low Temperature Impact Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ASTM D1505
Molding Shrinkage - Flow	0.60 to 1.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	121		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	137	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	6860	MPa	ASTM D790
Flexural Strength	235	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	°C	ASTM D648
Melting Temperature	220	°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	3.0E+13	ohms · cm	ASTM D257
Dielectric Strength	3.5	kV/mm	ASTM D149

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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

