

Hyundai EP PA6 LS460

Polyamide 6
HYUNDAI EP Co., Ltd.

Message:
Hyundai EP PA6 LS460 is a Polyamide 6 (Nylon 6) product. It is available in Asia Pacific.
Characteristics include:
Flame Rated
Flame Retardant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Electrical Properties		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm ³	ASTM D1505
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Ash Content	30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10.8	MPa	ASTM D638
Flexural Modulus	4900	MPa	ASTM D790
Flexural Strength	157	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	77	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	1.0E+13 to 1.0E+15	ohms · cm	ASTM D257
Dielectric Strength	3.5	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	V-0		UL 94

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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

