

Hyundai EP PA66 LD610

Polyamide 66
HYUNDAI EP Co., Ltd.

Message:

Hyundai EP PA66 LD610 is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific. Applications of Hyundai EP PA66 LD610 include automotive and tanks. Primary characteristic: impact modified.

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
Uses	Automotive Applications		
	Tanks		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ASTM D1505
Molding Shrinkage - Flow	1.3 to 1.6	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	58.8	MPa	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Flexural Modulus	2060	MPa	ASTM D790
Flexural Strength	78.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	290	J/m	
23°C	590	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648
Melting Temperature	265	°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	3.0E+13	ohms · cm	ASTM D257
Dielectric Strength	3.0	kV/mm	ASTM D149

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