

# Hyundai EP PA66 LD170

Polyamide 66  
HYUNDAI EP Co., Ltd.

Message:  
Hyundai EP PA66 LD170 is a Polyamide 66 (Nylon 66) product filled with 35% glass fiber. It is available in Asia Pacific. Primary characteristic: heat stabilizer.

General Information			
Filler / Reinforcement	Glass Fiber,35% Filler by Weight		
Additive	Heat Stabilizer		
Features	General Purpose		
	Heat Stabilized		
Uses	General Purpose		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm <sup>3</sup>	ASTM D1505
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Ash Content	35	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	121		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	147	MPa	ASTM D638
Flexural Modulus	6370	MPa	ASTM D790
Flexural Strength	196	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	9.8	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	250	°C	ASTM D648
Melting Temperature	265	°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

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