

Hyundai EP PPF HP190

Polypropylene Homopolymer

HYUNDAI EP Co., Ltd.

Message:

Hyundai EP PPF HP190 is a Polypropylene Homopolymer (PP Homopolymer) product. It is available in Asia Pacific. Typical application: Automotive.
Characteristics include:
Homopolymer
Impact Modified

General Information			
Additive	Impact Modifier		
Features	Homopolymer		
	Impact Modified		
Uses	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	77		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.8	MPa	ASTM D638
Tensile Elongation (Break)	77	%	ASTM D638
Flexural Modulus	1290	MPa	ASTM D790
Flexural Strength	33.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	50	J/m	
23°C	240	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	108	°C	ASTM D648

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