

Hyundai EP PPC HP1700

Polypropylene Copolymer

HYUNDAI EP Co., Ltd.

Message:

Hyundai EP PPC HP1700 is a Polypropylene Copolymer (PP Copolymer) product. It is available in Asia Pacific. Applications of Hyundai EP PPC HP1700 include automotive and consumer goods. Primary characteristic: copolymer.

General Information			
Features	Copolymer		
	Good Flow		
Uses	Automotive Applications		
	Luggage		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.1	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	94		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.4	MPa	ASTM D638
Tensile Elongation (Break)	420	%	ASTM D638
Flexural Modulus	1150	MPa	ASTM D790
Flexural Strength	30.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	24	J/m	
23°C	45	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	107	°C	ASTM D648

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