

Hyundai EP PPC HP310

Polypropylene Copolymer

HYUNDAI EP Co., Ltd.

Message:

Hyundai EP PPC HP310 is a Polypropylene Copolymer (PP Copolymer) product. It is available in Asia Pacific. Applications of Hyundai EP PPC HP310 include automotive and seating.

Characteristics include:

- Copolymer
- High Hardness
- High Strength
- Scratch Resistant

General Information			
Features	Copolymer		
	High Hardness		
	High Strength		
	Scratch Resistant		
Uses	Automotive Applications		
	Seats		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900 to 0.920	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	> 8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	> 95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 27.5	MPa	ASTM D638
Tensile Elongation (Break)	> 80	%	ASTM D638
Flexural Modulus	> 1470	MPa	ASTM D790
Flexural Strength	> 37.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	> 39	J/m	
23°C	> 98	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	> 120	°C	ASTM D648

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