

# Hyundai EP PPC HP908U

Polypropylene Copolymer

HYUNDAI EP Co., Ltd.

Message:

Hyundai EP PPC HP908U is a Polypropylene Copolymer (PP Copolymer) product. It can be processed by thermoforming and is available in Asia Pacific.  
Typical application: Automotive. Primary characteristic: copolymer.

General Information			
Features	Copolymer		
	Good Flow		
	Shock Resistant		
Uses	Automotive Applications		
Forms	Pellets		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.1	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	96		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.2	MPa	ASTM D638
Tensile Elongation (Break)	470	%	ASTM D638
Flexural Modulus	1240	MPa	ASTM D790
Flexural Strength	38.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	43	J/m	
23°C	70	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	107	°C	ASTM D648

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