

# Hyundai EP PPF HG940

Polypropylene Homopolymer

HYUNDAI EP Co., Ltd.

## Message:

Hyundai EP PPF HG940 is a Polypropylene Homopolymer (PP Homopolymer) product filled with glass fiber. It is available in Asia Pacific. Typical application: Filtration Media. Primary characteristic: homopolymer.

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Homopolymer		
Uses	Filtration Media		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	62.5	MPa	ASTM D638
Tensile Elongation (Break)	13	%	ASTM D638
Flexural Modulus	4670	MPa	ASTM D790
Flexural Strength	90.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	55	J/m	
23°C	82	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	152	°C	ASTM D648

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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