

# Hanwha Total PP EB42

Polypropylene

HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

EB42 is a polypropylene compound that is EPR-modified and produced for automobile wheel covers. This product exhibits high-impact strength and high thermal stability. Characterized by superior heat-resistance, EB42 is not easily deformed at high temperatures. Added plusses in the product are its processability and ease in recycling.  
When formed, EB42 adds to the finish of the product, has superior size stability and added peel resistance.

General Information			
Features	Good dimensional stability		
	Impact resistance, high		
	Recyclable materials		
	Workability, good		
	Heat resistance, high		
	Thermal stability, good		
	Excellent appearance		
Uses	Wheels		
	Application in Automobile Field		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	6.37	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	52	J/m	ASTM D256
23°C	340	J/m	ASTM D256

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