

HOPELEN H4540

Polypropylene Homopolymer
Honam Petrochemical Corporation



Prospector

General			
Material Status	• Commercial: Active		
Availability	• Asia Pacific		
Additive	• High Antiblock	• High Slip	
Features	• High Antiblocking	• High Slip	• Homopolymer
Uses	• Film		
Appearance	• Clear/Transparent		
Processing Method	• Film Extrusion		

Physical	Nominal Value Unit	Test Method
Specific Gravity	0.900 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12 g/10 min	ASTM D1238

Mechanical	Nominal Value Unit	Test Method
Tensile Strength (Break)	34.3 MPa	ASTM D638
Tensile Elongation (Break)	> 500 %	ASTM D638
Flexural Modulus	1570 MPa	ASTM D790

Impact	Nominal Value Unit	Test Method
Notched Izod Impact (23°C)	25 J/m	ASTM D256

Hardness	Nominal Value Unit	Test Method
Rockwell Hardness (R-Scale)	100	ASTM D785

Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	104 °C	ASTM D648
Vicat Softening Temperature	152 °C	ASTM D1525

Notes

¹ Typical properties: these are not to be construed as specifications.