

Hanwha Total PP HF429

Polypropylene Homopolymer

HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

HF429 is designed for homo PP grades for aluminium metallizing cast film. HF429 provides superb film stiffness and heat resistance.

General Information			
Features	High Heat Resistance		
	High Stiffness		
	High Tensile Strength		
	Homopolymer		
Uses	Cast Film		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
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)	107		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	40.2	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	1770	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	29	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	125	°C	ASTM D648
Vicat Softening Temperature	158	°C	ASTM D1525

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