

SABIC PP 528K Polypropylene Homopolymer for Thermoforming

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Sheet/Thermoforming Grade

Material Notes:

Product Description: PP 528K is formulated with an advanced nucleating additive and was specially developed for in-line and off-line thermoforming applications. PP528K exhibits the following features. High stiffness Good clarity Very good dimensional stability Easy processability and faster cycling
Typical Applications: PP 528K is used for the production of various containers, mainly for food and health drink products such as cups, trays and lids. Information provided by SABIC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-PP-528K-Polypropylene-Homopolymer-for-Thermoforming.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D792
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 °C	3.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785
Tensile Strength, Yield	45.0 MPa	6530 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus, 1% Secant	1850 MPa	268000 psi	ASTM D790A
Izod Impact, Notched	0.350 J/cm	0.656 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	ASTM D648
Vicat Softening Point	150 °C	302 °F	ASTM D1525B

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China