

ARKPP290S

Polypropylene Homopolymer

Product Description :

ARKPP290S Improved Polypropylene, Homopolymer. Is a medium flow homopolymer with a conventional molecular weight distribution and is formulated with a general-purpose additive package. ARKPP290S is designed for the production of films that can be converted into stretched tapes for weaving applications.

Additional properties: suitable for the production of articles for food contact use. all other components used in the formulation meet the relevant fda requirements should not be assumed for

Basic information			
Characteristic	Homopolymer Medium liquidity Food contact compliance		
Applications	Film Non-specific food applications Food service industry		
Physical Properties	Rated Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183/D
MFR (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Hardness	Rated Value	Unit	Test Method
Shore Hardness(Shore D)	73		ISO 868
Mechanical	Rated Value	Unit	Test Method
Tensile Stress (Yield Point)	33.0	MPa	ISO 527-2/1
Flexural Modulus	1400	MPa	ISO 178
Impact Properties	Rated Value	Unit	Test Method
Izod Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 180/1A
Thermal	Rated Value	Unit	Test Method
Heat Distortion Temp			
0.45 MPa, Unannealed	82.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	51.0	°C	ISO 75-2/A
Vicat Softening Temp	155.0	°C	ISO 306/A50