

1120NK

Polypropylene (PP)

Description:

1120NK is a Polypropylene Homo-polymer resin for water quenched blow film with the characteristic of good process ability, high clarity balance containing slip and anti-block additive. It is specially designed for the production of special purpose film with high clarity. Typical applications are high clarity film bag. It also meets the F.D.A. requirement in the code of federal regulations in 21 CFR 177.1520 for food contact.

Typical applications

Film Extrusion : High clarity film bag

Physical Properties:	Method	Unit	Value
Melt Flow Index (2.16 kg/230°C)	ASTM D1238	g/10min.	11
Tensile Strength at Yield	ASTM D638	N/mm ²	33
Elongation at Yield	ASTM D638	%	36
Charpy Notched Impact Strength (at 23°C)	DIN 53453	mJ/mm ²	38
Flexural Modulus (1% SECANT)	ASTM D790	MPa	1200
Rockwell Hardness	ASTM D785	R-Scale	96
Heat Distortion Temperature (Load 0.45 N/mm²)	ASTM D 648	°C	82

Processing Technique

Processing Temperature : 190 – 240 °C

****However, the actual processing conditions depend on mold design, power of machine, equipment and other environments.****

Remark: The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.