

HP 520 H

HP 520 H is a polypropylene homopolymer especially designed for the production of biaxially oriented polypropylene films (BOPP). It contains a general purpose formulation.

Typical applications of HP 520 H are film, for adhesive tapes and general packaging.

HP 520 H is suitable for food contact.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	Europe, Africa – Middle East
Processing Method	BOPP
Features	Homopolymer
Typical Customer Applications	Film, Raffia/Tapes/Strapping, BOPP, Food packaging Film



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PROPERTIES	Method	TYPICAL Value unit
Physical		
Density	ISO 1133	0.900 g/cm ³
Melt flow rate (230°C, 2.16 kg)	ISO 1133	2.0 g/10 min
Mechanical		
Tensile modulus (1 mm/min)	ISO 527-1,-2	1500MPa
Tensile strength at yield (50 mm/min)	ISO 527-1,-2	34.0 MPa
Tensile strength at yield (50 mm/min)	ISO 527-1,-2	410%
Tensile strength at Break (50 mm/min)	ISO 527-1,-2	11%
Hardness		
Shore hardness (Shore D)	ISO 868	71
Thermal		
Heat deflection temperature B(0.45 MPa) Unannealed	ISO 758-1,-2	93.0 °C
Vicat softening temperature (A50 (50°C/h 10N))	ISO 306	152 °C