



PT. INDOCHEM PETROCHEMICALS

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INDOCHEM ICP11HF

For Water quenched blown film

Polypropylene Homopolymer

General Information

Characteristic INDOCHEM ICP11HF is polypropylene homopolymer. The base resin meets the requirements of the U.S. Food and Drug Administration as specified. In summary, this resin meets the FDA criteria covering safe use of polyolefin articles and component of articles intended for food contact use.

Advantage	<ul style="list-style-type: none">➤ Good optical properties➤ excellent stiffness➤ high slip development and good openability	Applications	<ul style="list-style-type: none">➤ Bags for hosiery shirts and other textiles➤ food packaging for fresh fruits and produce.
Fabrication	Equipment ~ general water quench blown film machines Techniques ~ standard processing.		

ASTM and ISO Properties

Physical	Value	Unit	ASTM Test
Density	0.9	g/cm ³	D1505
MI (230°C/2.16kg)	11	g/10min	D1238
Tensile Strength @ Yield	360	kg/cm ²	D638
Elongation @ Yield	12	%	D638
Flexural Modulus	17000	kg/cm ²	D790B
Impact Strength @ 23°C (Izod with notch)	3.3	kg.cm/cm	D256A
Heat Deflection Temperature @ 4.6 kg/cm ²	95	°C	D648
Rockwell Hardness (R-Scale)	94		D785A
Water Absorption after 24 hours	0.02	%	D570

Notes

*Polypropylene tested per ASTM D4101

- (a) Values shown are typical and are not to be considered as specifications. Conversion : 1 MPa = 10.2 kg/cm²
(b) ASTM test methods are latest under the society's current procedures. 1 kJ/m² = 0.01 kgf.cm/mm²
(c) Extrusion and water bath conditions can be varied to obtain the desired optical and mechanical film properties.

The information presented on this data sheet was made by INDOCHEM PETROCHEMICALS of the INDOCHEM producers. INDOCHEM PETROCHEMICALS makes substantial efforts to assure the accuracy of this data. However, we assume no responsibility for the data values and strongly encourages that upon final material selection, data points are validated with the material. Users are advised to make their own tests to determine the safety and suitability of each such product combination for their own purposes.

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