H110QS

POLYPROPYLENE HOMOPOLYMER FOR TQPP FILM PRODUCTION

Nayara H110QS is Polypropylene Homopolymer made with Unipol technology using state of the art catalyst system. The grade is designed for making transparent and high gloss TQPP (Tubular Quenched PP) films for packaging applications. The grade is characterized with easy openability even at lower film thickness.

APPLICATIONS

TQPP films for textile packaging, snack food packaging, agricultural produce wrapping films, incense stick packaging, bread packaging, garment bags, cast film for general purpose films etc.

TYPICAL PROPERTIES

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
Resin Properties			
Melt Flow Rate (230/2.16 Kg)	g/10 min.	ASTM D1238	11.0
Film Properties (50 µ TQPP film)			
Tensile Yield Strength (MD / TD)	MPa	ASTM D882	23 / 20
Tensile Strength at Break (MD / TD)	MPa	ASTM D882	34 / 31
Elongation at Break (MD / TD)	%	ASTM D882	600 / 700
Haze	%	ASTM D1003	< 3.0
Gloss @ 20 °	GU	ASTM D2457	105
C.O.F. (St. / Kn) (Film / Film)	---	ASTM D1894	0.24 / 0.20
Thermal Properties			
DSC Melting Point	° C	ASTM D3418	160 - 165

Note: All the properties mentioned above are typical properties and not to considered as specifications. All the film properties are determined on 50 µ TQPP film processed with quench water temperature of 15° C.

DISCLAIMER

The information provided in this technical data sheet is true to the best of our knowledge. The data provided in the document is for reference only. Nayara energy do not guarantee or warrant the performance of the end product made from this grade. It is sole responsibility of the user to ascertain the suitability of the grade for intended application and process. This document is not a suggestion to use our grade.

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