PP

Homo PP for stretched tapes

▶HY200

● Description

HY200 is an isotactic homo PP grade for extrusion application. It is designed for the production of films which can be converted into stretched tape, and injection molded housewares.

● Characteristics

- ▶ Excellent processability & mechanical properties
- ▶ High stretchability & productivity

● Applicatinos

- ▶ Woven bags , Stretched band, PP filament , Fishing net, rod

● Physical Properties

Typical Properties	Method (ASTM)	Unit	HY200
Melt flow index	D1238	g/10min	2.4
Density	D1505	g/cm^3	0.91
Tensile strength at yield	D638	kg/cm^2	380
Elongation at break	D638	%	500
Flexural modulus	D790	kg/cm^2	14,500
Izod impact strength 23℃	D256	kgcm/cm	4
Rockwell hardness	D785	R-scale	100
Heat distortion temp.	D648	℃	110

** Data shown above are representative values for reference purposes only, and not to be construed as specifications.*

** Data performed by or on behalf of Hanwha Total*

● Food Contact Application

- ▶ There may be some limitation to apply Hanwha Total HY200 to the food packaging. Thus, the verification on the suitability is necessary.
- ▶ In case you might need additional technical or regulatory information, please contact Hanwha Total Polymer Technical Service Team.

● Contacts

▶ **Product Information & Technical Services**

103, Dokgot 2-ro, Daesan-eup, Seosan-si, Chungcheongnam-do, Korea, 31900

TEL : 82-41-660-6190 FAX : 82-41-660-6189

Disclaimer

This document is copyright of Hanwha Total petrochemicals Co., Ltd. Any and all information and the values in this document are typical properties for reference, not to be confused with, or regarded as specification. Customers are responsible for determining whether our products and information are suitable for their particular purpose and for ensuring that Customer's location and handling practices are in compliance with laws and regulations. HANWHA TOTAL assumes no obligation or liability for the information in this document. NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY HANWHA TOTAL. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. HANWHA TOTAL is entitled to alter, change or modify any of the content herein at any time without prior notice, but not under any duty to do so.