

Technical Data Sheet

Homopolymer

HYS 6200

MAIN USE: EXTRUSION

- ♦ Recommended for manufacturing of pipes, sheets for thermoforming, raffia and blow moulding of containers
- ♦ Also suitable for producing film tapes, strapping tapes and monofilaments

GENERAL PROPERTIES

- ♦ Very good melt strength
- ♦ Good contact transparency
- ♦ Very good stiffness

PROPERTIES	METHOD	UNIT	VALUE
Melt Flow Index (230°C/2.16 kg)	ISO 1133	g/10 min	1,8

MECHANICAL PROPERTIES

Flexural Modulus (1)	ISO 178	MPa	1400
Tensile strength at yield (2)	ISO 527-2	MPa	34
Elongation at yield (2)	ISO 527-2	%	9
Charpy notched Impact Strength @ 23°C (1)	ISO 179	KJ/m ²	5

THERMAL PROPERTIES

Heat Deflection Temperature HDT/A (1,80 MPa) (1)	ISO 75-2	°C	55
Heat Deflection Temperature HDT/B (0,45 MPa) (1)	ISO 75-2	°C	85

NOTES:

- (1) Injection-molded specimen of 4 mm * 10 mm * 80 mm
(2) Injection-molded according to ISO 3167/A

This product complies with FDA regulations for polymeric olefins (21 CFR 177, 1520).
This product was approved by SENASA with E-1143 Certificate.

Products for the medical/pharmaceutical sector are required to meet specific regulations. Petrocuyo® products were not designed to fulfill those requirements so the use of them in such applications relies entirely on customer responsibility.



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