

HM5010T3N (EX380S)

High Density Polyethylene for Pipes

Typical Applications

- Plumbing
- Piping
- Potable water

Catalyst: THS/BM

Product Specification

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Density	0.944±0.002	g/cm ³	ISO 1183
FRR 21.6/5	24±3		
Hydrostatic strength (80 °C)	5000 (4.5 N/mm ²)	h	ISO 1167
MFR190°/2.16	10.3±2.5	g/10 min	ISO 1133
MFR190°/5	0.43±0.03	g/10 min	ISO 1133
Notched impact (23 °C)	≥22	MJ/mm ²	ISO 179/1eA

* Typical values; not to be considered as product specification.

Note:

Test specimens were taken from compression moulded sheet at 23°C.

FRR values are statistical and calculated by dividing MFR values.

Notch impact test specimen was taken from compressed moulded sheet at 23°C and the data quoted here are average values.