

HM5010T3 Black (PE100 Black)

HDPE made via Hostalen Process



Product Description

HM-5010T3 Black is a black pipe grade resin (PE80) which is manufactured by suspension polymerization ethylene monomer.

HM-5010T3 Black (PE80) is a bi-model high density polyethylene with 1-Butene as co-monomer.

Black PE80 pipe resin.

Density: 0.952-0.956 g/cm³

MFR 190/5: 0.4-0.46

Applications

- High-quality PE80 pressure
- Pipes for gas and water transportation

Additives

- Antioxidant/Process stabilizer
- Lubricant (processing aid)/acid scavenger
- Carbon black

TEST/COMPOSITION	UNIT	TYPICAL VALUE	METHOD
DENSITY	g/cm ³	0.954	ISO 1183
FRR 21.6/5		24	
HYDROSTATIC STRENGTH(80°C)	h	5000 (4.5 N/mm ²)	ISO1167
MFR 190°/21.6	(g/10 min)	10.3	ISO1133
MFR190°/5	(g/10 min)	0.43	ISO1133
NOTCHED IMPACT (23°C)	MJ/mm ²	22	ISO179/1eA

Test specimen from compression moulded sheet at 23°C.

Producer: Jam Petrochemical Co.

Licensor: LyondellBasell

Packing: 25 Kg plastic bag

IMPORTANT: The information and data presented herein are based on values from respective product manufacture. Therefore, no warranty or guarantee, expressed or implied, is made nor is any accountability accepted with respect to the use of such information and data. All mentioned data are typical values and not to be considered as legally binding specification.