POOYA POLYMER TEHRAN

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COMPD 9800ID

PE Black Compound

Description

- Product: PE Black Compound for Drip Irrigation Pipe
- Carrier: Poly Ethylene
- · Active ingredient: Carbon Black & Heat Stabilizer

Application & Addition Rate

Drip Irrigation Pipe: 100%

Advantages

- Easy Processing, High Rate Production
- Good Melt Strength

High Heat Stability

Smooth Surface

Typical Properties

	Properties	Test method	Value	Unit
Physical & Thermal	Melt Flow Rate (190°C/2.16 Kg)	ASTM D 1238	0.5	g/10min
	Carbon Black Content	ASTM D 4218	$\textbf{2.2} \pm \textbf{0.2}$	%
	Density	ASTM D 1505	0.927	g/cm ³
	Microscope Dispersion	ISO 18553	Max. 3	-
	ΟΙΤ	ASTM D3895	Min. 20	min
	Moisture	ASTM D 644	Max 0.1	%
Mechanical	Izod Impact Strength (at 23 °C, Notched)	ASTM D 256	Min 500	J/m
	Tensile Strength at Yield	ASTM D 638	Max 13	MPa
	Tensile Strength at Break	ASTM D 638	Max 18	MPa
	Hydrostatic Pressure (80 °C/ 165 hr)	ISIRI 12181-1	Not-Failure	-
	ESCR	ISIRI 7175-8	Min 1000	hr

Storage & Packaging

Store in dry place below 30 °C away from sun exposure not to exceed 12 months

Packed in 25 kg PP raffia bags on 1000 kg stretch-wrapped pallet

NOTICE

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The information and data contained herein are believed to be correct and given in good faith, but because of the many particular factors which are outside our knowledge and control and affect the use of product, no warranty is given or is to be implied with respect to such information, nor do we offer any warranty of immunity against infringement.