

Total XSene® 4206 B High Density Polyethylene - Steel Pipe Coating

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Pipe Grade

Material Notes:

HDPE 4206 B is a high performance black compound primarily intended for steel pipe coating applications. Key characteristics are Superior mechanical properties under stress cracking as well as under impact conditions, ensuring long term integrity of the network. An optimized additives formulation and finely dispersed carbon black providing outstanding long-term stability in service. Excellent and durable adhesion properties, particularly in combination with the Trisys® 90 adhesive system. HDPE 4206 B meets the major requirements in external 3 layer PE coatings: DIN 30 670, NF A 49 710, CAN / CSA-Z245.21, GOST R51164. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-XSene-4206-B-High-Density-Polyethylene-Steel-Pipe-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.955 g/cc	0.955 g/cc	ISO 1183
Carbon Black Loading	>= 2.0 %	>= 2.0 %	ISO 6964
Melt Flow	1.8 g/10 min @Load 5.00 kg, Temperature 190 °C	1.8 g/10 min @Load 11.0 lb, Temperature 374 °F	ISO 1133/T

Processing Properties	Metric	English	Comments
Melt Temperature	210 - 245 °C	410 - 473 °F	Extrusion

Descriptive Properties	Value	Comments
Carbon Black Dispersion, Rating	= 3	ISO 18553
Thermal Stability 200°C	> 20 min	EN 728 / ISO 11357-6
Water Content	= 300 ppm	EN 12118, measured at the stage of compound manufacturing

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