

ArsaCoat 19008

DESCRIPTION: ArsaCoat 19008 is a black, high-density polyethylene (HDPE) produced with the advanced technology, providing the material with especially well melt strength and extrude-ability. Also its mechanical and heat deformation properties as well as ESCR resistance are very good. It contains very well dispersed; Fine particle sized carbon black in order to ensure excellent weathering resistance.

APPLICATIONS: ArsaCoat 19008 is recommended as topcoat in steel pipe coating and is suitable for severe laying conditions even at low and elevated temperatures. With this material, high running speeds and relatively thin layers are obtained. ArsaCoat 19008 can be used up to 85°C service temperature of the pipeline with combined with the grafted adhesives Arsabond 36002.

PROPERTIES:

Typical Properties	Test Method	Typical Value	Unit
Melt Flow Index (190 °C/2.16 Kg)	ASTM D 1238	0.45	g/10min
Density	ASTM D 792	0.94	gr/cm ³
Elongation at Break	ASTM D 638	≥600	%
Tensile Yield Strength	ASTM D 638	19	MPa
Hardness Shore D	ASTM D 2240	57	--
ESCR (50 °C, F0, Cond. A: 10% Igepal Co-630)	ASTM D 1693	≥1000	hour
Vicat softening temperature	ASTM D 1525	≥115	°C

- All mentioned information in this technical test report present current knowledge and experience of Arsamplast. Naturally, these data do not guarantee certain values since may vary on customers processing conditions, so they are provided for reference purposes only and should not be used alone to create specification limits and design basis.