Singapore
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POLYOLEFINS

Borstar® HE3364

Black Bimodal Polyethylene Compound

DESCRIPTION

Borstar HE3364 is a black, high density polyethylene compound.

APPLICATIONS

Borstar HE3364 is a transition grade suitable for cable jacketing or pipe applications.

A new force setting new standards

PHYSICAL PROPERTIES

		Typical Value*	Unit	Test Method
Density, Base Resin		946	kg/m^3	ISO 1872-2/ISO 1183-D
Density, Compound		958	kg/m^3	ISO 1872-2/ISO 1183-D
Melt Flow Rate	(190°C. 2.16 kg)	0.65	g/10 min	ISO 1133
Melt Flow Rate	(190°C. 5.0 kg)	2050	g/10 min	ISO 1133
Tensile Strength	(50 mm/min)	>12	MPa	ISO 527
Elongation	(50 mm/min)	>400	%	ISO 527
ESCR (50ºC, 10% Igepal), (no crack)		>1000	h	IEC 60811-4-1/B

PROCESSING GUIDELINES

Borstar HE3364 provides good surface finish and high output rates over a broad range of conditions.

For extrusion standard PE-screws are recommended, but also screws designed for PVC can be used with good result.

If material preheating/pre-drying is used maximum recommended temperature is 90ºC.

DELIVERY

Form: Granules
Package: 25 kg bags - 1.375 ton loads

SAFETY

Borstar HE3364 is not classified as a dangerous preparation.

The products are supplied in form of free-flowing granules of approximately 3 - 4 mm sizes and can be readily handled with commercially available equipment. Handling and transport of the products may generate some dust and fines, which constitute a potential hazard for dust explosion. All metal parts in the system should therefore be properly grounded. Properly designed equipment and good housekeeping will reduce the risk. Check and follow local codes and regulations!

Inhalation of any type of dust should be avoided as it may cause irritation of the respiratory system.

The products are intended for industrial use only. A Safety Data Sheet is available on request. Please contact your Borouge representative for more details on various aspects of safety, recovery and disposal of the product.

Borstar® is a trademark of Borealis A/S

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