ADVANCED PRODUCT DATA SHEET

MFR 0.9

Density 921

ETILINAS ALFATENE LL0209SP

Linear Low Density Polyethylene for Film Extrusion

DESCRIPTION

ETILINAS ALFATENE LL0209SP is a linear low density polyethylene (LLDPE) copolymer with butene as comonomer, which contains anti-oxidant, slip and antiblock additives. It gives film of high slip, which is easily separable. It is recommended for general-purpose film applications. It is suitable for blending with conventional low density polyethylene (LDPE).

CHARACTERISTICS include:

- Easier sealing
- Greater drawdown capability
- Higher tensile strength
- Higher puncture resistance

APPLICATIONS include:

- Refuse sacks
- Produce bags
- Carrier bags

Product Properties	Test Method	Units	Value
Melt Flow Rate (2.16 kg)	ISO 1133	g/10 min	0.9
Density Annealed	ISO 1183	g/cm^3	0.921
MD Tensile Strength @ Yield	ISO 527	MPa	11
MD Tensile Strength @ Break	ISO 527	MPa	44
MD Elongation @ Break	ISO 527	%	600
Dart Impact	ASTM D1709	g	150

Film properties measured on 38µm film.

Typical Processing Conditions

N/A

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AVAILABILITY

ETILINAS ALFATENE LL0209SP is available in 25kg bag and bulk bag. The product type and batch number are clearly marked on each bag.

STORAGE/HANDLING

ETILINAS ALFATENE LL0209SP should be properly stored in well ventilated environment at a temperature of below 50°C. Prolonged or improper storage can result in deterioration of product properties. The PETRONAS Chemicals Safety Data Sheet (SDS) contains important safety information and should be viewed before using the product.

HEALTH & SAFETY

ETILINAS ALFATENE LL0209SP is not classified as a dangerous preparation. Please refer to our Safety Data Sheet (SDS) for details on various aspects of safety, recovery and disposal of the product.

PRODUCT STEWARDSHIP

PETRONAS aims to increase awareness of all the hazards associated with the storage, handling and use of its products. Thoroughly reviewing the accompanying Safety Data Sheets and disseminating the information to all dependent and interested parties is an essential part of any 'Responsible Care' programme.

RELATED DOCUMENTS

The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.

- Safety Data Sheet (SDS)
- Statement on chemicals, regulations and standards

FOR MORE INFORMATION

Please contact PETRONAS Chemicals Group Berhad (PCGB), Level 34, Tower 1, PETRONAS TWIN TOWER, KLCC, 50088 KUALA LUMPUR, MALAYSIA.
Tel: +(603) 2051 5000 Fax: +(603) 2051 1501 or visit our website www.petronaschemicals.com

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