

TWO COLOURS



ONE DIRECTION

Polyethylene  
**BRALEN SA 70-21**  
LDPE for special applications

\*\*\*\*\*

#### Description

**BRALEN SA 70-21** is a special grade of low density polyethylene. This grade is additives free.

#### Applications

**BRALEN SA 70-21** is designed for the nonwoven textile production. It is suited also as an ingredient into waxes and electroinsulating materials. In powder form (after grinding) it can be used in textile industry.

**BRALEN SA 70-21** is suitable for food contact. The product complies to Food Contact Regulations.

#### Properties

	Test method	Unit	Typical value
MFR (190 °C /2.16 kg)	ISO 1133	g/10 min	70
Density (23°C) *	ISO 1183-2	kg/m <sup>3</sup>	914
Tensile strength at break *	ISO 527-1,2	MPa	7
Vicat softening temperature *	ISO 306	°C	82
Shore D hardness *	ISO 868	-	39

\* Typical properties, not to be used as specification. Average mechanical property values of several measurements carried out on standard injection-moulded test specimens prepared in accordance with ISO 1872-2.

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### Processing

**BRALEN SA 70-21** can be used in conventional extrusion machines. Recommended processing temperatures are 190-280 °C.

### Storage and Handling

Pellets are packed in 25 kg PE-LD bags and transported on shrink-wrapped pallets at eligible load of polymer 1250 or 1375 kg. Transportation in a road silo or rail silo is also available.

If polymer is stored in conditions of high humidity and fluctuating temperatures, then atmospheric moisture can condense inside the packing. If it happened, it is recommended the pellets to be dried before use. During the storage polyethylene should not be exposed to UV radiation. Producer does not take responsibility for any damages caused by adverse storage.

Polymer should be handled and stored away from contact with direct flames and other ignition sources.

### Safety

See MSDS.

### Recycling

Polyethylene resins are suitable for recycling using modern recycling methods.

In-house production waste should be kept clean to facilitate direct recycling.

### Notes

The information provided in this publication has been compiled to the best of our present knowledge. However, in view of the various applications of polyethylene resins and the equipment used, the processing conditions may differ.

The recommendations and data herein are to be construed as informatory only and do not relieve users from carrying out their own tests and experiments prior to processing in order to check suitability for a specific use. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed. Our products are under continuous development, therefore we reserve the right to change the information presented in this brochure at our own discretion.

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