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Product Data Sheet

IROGRAN® A 85 E 4719 FCM

Polyester-based Thermoplastic Polyurethane

PRODUCT DESCRIPTION

IROGRAN® A 85 E 4719 FCM is a food contact approved polyester-based Thermoplastic Polyurethane (TPU) for melt calendering. Key features are excellent multilayer bonding, excellent wear performance and robust processing.

APPLICATIONS

Thick wall extrusion profiles, textile lamination and calendering applications.



HEALTH & SAFETY ADVICE

Before undertaking any trials with this product it is essential that all personnel are aware of the necessary precautions that must be taken. These are detailed in the relevant Material Safety Data Sheet (MSDS), which will be provided by Huntsman.

SUPPLY & STORAGE

IROGRAN® A 85 E 4719 FCM is supplied in bags, drums or octabins. Please contact your customer service to confirm this.

IROGRAN® A 85 E 4719 FCM has a minimum expected shelf life of 12 months after shipment date. The product should be stored in a dry and cool place in the manufacturer's original packaging.

MATERIAL PREPARATION

IROGRAN® A 85 E 4719 FCM is supplied pre-dried, however to ensure trouble-free processing it is preferable to dry before use. The recommended drying conditions are:

- 3 hours at 80-90°C in circulating air
- 3 hours at 70-80°C in dehumidified air
- Dew point: -30°C

PHYSICAL FORM

Type: Transparent pellets

PROCESSING PARAMETERS

Melt Volume Rate 190°C / 8.7 kg ISO 1133-1 = 50 cm³/10 min

Processing Parameter:	Extrusion
Temperature Profile	°C
Feed Zone:	25 - 40
Barrel:	170 - 195
Die:	175 - 200
Processing Parameter:	Calendering
Temperature Profile	°C
Front Roll:	160 - 180
Rear Roll:	160 - 180

For further information, please contact your nearest sales office: http://www.huntsman.com/PU_customer_service

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