

OREVAC[®] 18725

Adhesive resin for pipe-coating technology

DESCRIPTION

OREVAC[®] 18725 is a polypropylene based adhesive resin for extrusion and thermo-lamination processes. Available in pellet form it can be processed on most polyolefin extrusion or coextrusion equipments.

TYPICAL PROPERTIES

Characteristics	Value	Unit	Test Method
Melt Index (230°C / 2.16 kg)	13	g/10min	ISO 1133 / ASTM D1238
Melting point	124	°C	ISO 11357-3
Crystallization temperature	87	°C	ISO 11357-3
Density	0.90	g/cm ³	ISO 1183 / ASTM D1505

APPLICATIONS

OREVAC[®] 18725 has been designed to develop a reliable bonding strength between polypropylene and many different kinds of materials among which polyamides, metals or epoxy. It can be processed within different extrusion technologies and can be easily used as a low activation temperature PP based thermo-adhesive material.

For more detailed information and recommendations regarding your specific application, please contact your local ARKEMA technical representative.

OREVAC® 18725

PROCESSING

OREVAC® 18725 can be processed with any standard polyolefin equipment. Typical extrusion temperature settings could be:

Zone 1	Zone 2	Zone 3	Zone 4	Exit	Fittings-Channels	Die
160 - 180°C	180 - 200°C	200 - 220°C	210 - 230°C	215 - 230°C	220 - 230°C	220 - 240°C

Final profile and settings depend on the line and multi-layer structure being run.

STORAGE, HANDLING AND SAFETY

OREVAC® 18725 should be stored in dry conditions and protected from UV-light. Improper storage conditions may cause degradation and have consequences on physical properties of the product.

Safety data sheet as well as information on handling and storage of OREVAC® 18725 is available upon request to your ARKEMA representative or at orevac.com

SHELF LIFE

Two years from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.

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