

Adhesive resin

Description

OREVAC[®] 18410 is an anhydride modified polyethylene extrudable adhesive resin. It's available in pellet form, natural colour. It's use in conventional extrusion and coextrusion equipments designed to process polyethylene resins

Application

OREVAC[®] 18410 has been designed to develop a strong chemical bond with fusion bonded primers as well as polyethylene top coat.

For more detailed information and recommendations regarding your specific application, please contact your local Arkema technical representative. All contact informations can be found on our web site: <http://www.arkema.com>

Typical characteristics

Characteristics	Value	Unit	Test Method
Melt index (190°C / 2,16 kg)	3.2	g/10mn	ISO 1133
Melting Point	126	°C	DSC
Vicat softening point (1 kg)	110	°C	ISO 306
Density	0.931	-	ISO 1183
Strength at yield ¹	12.4	MPa	ISO R 527-2
Elongation at break ⁽¹⁾	≥500	%	ISO R 527-2
Hardness shore D	59	At t=0s	ISO 608

⁽¹⁾ Measurement done on samples prepared from compressed molded sheet (speed test 10mm/min.)

Processing

OREVAC® 18410 can be processed with any standard polyolefin equipment.
Typical extrusion temperature settings.

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

Security / Precautions of use

OREVAC® 18410 must be stocked in dry conditions below 60°C and protected from UV rays. Improper storage conditions can cause degradation and have consequences on the physical properties of the product.

Shell life is 2 years from the production date.

A safety data sheet is available close to your correspondent ARKEMA or on the web site :
www.arkema.com

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The information contained in this document is based on trials carried out by our Research Centers and data selected from the literature, but shall in no event be held to constitute or imply any warranty, undertaking, express or implied commitment from our part. Our formal specifications define the limit of our commitment. No liability whatsoever can be accepted by Arkema with regard to the handling, processing or use of the products concerned which must in all cases be employed in accordance with all relevant laws and/or regulations in force in the country or countries concerned.



Technical Polymers Division
420, rue d'Estiennes D'Orves
92705 Colombes Cedex - FRANCE
www.arkemagroup.com

www.orevac.com