Technical Data Sheet
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OREVAC® 18725/18725N

OREVAC®18725(N) 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.

OREVAC® 18725(N) has been designed to develop a reliable bonding strength between polypropylene and many 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 SK Functional Polymer representative.

Typical Properties

	Test Method	Unit	Typical Value
Melt Index (230°C/2.16kg)	ISO 1133 / ASTM D1238	g/10min.	13
Melting Point	ISO 11357-3	°C	124
Density	ISO 1183 / ASTM D1505	g/cm^3	0.90
Vicat Softening Temperature (10N)[1]	ISO 306 / ASTM D1525	°C	87

[1]: On compression molded samples.

Processing

OREVAC®18725(N) 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	240°C

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

Storage, Handling & Safety

OREVAC®18725(N) should be stored in dry conditions 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 the OREVAC®18725N is available upon request to your SK Functional Polymer representative.

Shelf Life

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