

# OREVAC<sup>®</sup> 18722

## Polypropylene based tie resin for coextrusion

### DESCRIPTION

OREVAC<sup>®</sup> 18722 is a maleic anhydride modified polypropylene. It is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyolefin.

### TYPICAL PROPERTIES

| Characteristics                            | Value | Unit              | Test Method           |
|--------------------------------------------|-------|-------------------|-----------------------|
| Melt Index (230°C / 2.16 kg)               | 7     | g/10min           | ISO 1133 / ASTM D1238 |
| Melting point                              | 143   | °C                | ISO 11357-3           |
| Density                                    | 0.900 | g/cm <sup>3</sup> | ISO 1183 / ASTM D1505 |
| Vicat softening point (10N) <sup>(1)</sup> | 120   | °C                | ISO 306 / ASTM D1525  |

<sup>(1)</sup> On compression molded samples.

### APPLICATIONS

OREVAC<sup>®</sup> 18722 has been designed to develop a reliable bonding strength between polypropylene or propylene copolymers and many kinds of different materials among which polyamides and EVOH.

OREVAC<sup>®</sup> 18722 is recommended for blown or cast film coextrusion.

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

# OREVAC® 18722

## PROCESSING

**OREVAC® 18722** is not corrosive and is readily processed with standard polyolefin equipment. Conditions typically used in extrusion of polypropylene resins are suitable.

Extrusion temperature settings could be:

| Zone 1      | Zone 2      | Zone 3 | Zone 4 | Fittings-Channels | Die   |
|-------------|-------------|--------|--------|-------------------|-------|
| 210 - 220°C | 220 - 230°C | 230°C  | 230°C  | 240°C             | 240°C |

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

## STORAGE, HANDLING AND SAFETY

**OREVAC® 18722** 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® 18722** is available upon request to your ARKEMA representative or at [orevac.com](http://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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See MSDS for Health & Safety Considerations.

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