

# Orevac® 18729

Polypropylene Homopolymer

Arkema

Message:

OREVAC® 18729 is maleic anhydride modified polypropylene. It is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyolefin.

Applications

OREVAC® 18729 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® 18729 is recommended for sheet calendering and blow moulding coextrusion.

General Information			
Features	Good Adhesion		
Uses	Blow Molding Applications		
	Sheet		
Forms	Pellets		
Processing Method	Calendering		
	Coextrusion		
	Extrusion		

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183, ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5	g/10 min	ASTM D1238, ISO 1133

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	137	°C	ISO 306/A, ASTM D1525 <sup>1</sup>
Melting Temperature	162	°C	ISO 11357-3

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	210 to 220	°C
Cylinder Zone 2 Temp.	220 to 230	°C
Cylinder Zone 3 Temp.	230	°C
Cylinder Zone 4 Temp.	230	°C
Die Temperature	240	°C

NOTE	
1.	Loading 1 (10 N)

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Recommended distributors for this material

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