

Product Texts

BYNEL™ 5000 resins are anhydride-modified polypropylene resins.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	22	g/10min	ISO 1133
Temperature	160	°C	-
Load	0.325	kg	-
ASTM Data			
Melt Flow Index, MFI	22	g/10min	ASTM D 1238
Temperature	160	°C	-
Load	0.325	kg	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	135	°C	ISO 11357-1/-3
ASTM Data			
Melting Temperature	135	°C	ASTM D 3418
Vicat Temperature	112	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	210 - 220	°C	-
Feed temperature	160	°C	-
Zone 1	210	°C	-
Zone 2	235	°C	-
Zone 3	235	°C	-
Zone 4	235	°C	-
Nozzle temperature	235	°C	-

Characteristics**Processing**

Other Extrusion

Delivery form

Pellets

Features

Blending Resin, Good Adhesion

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa