

AFFINITY™ VP 8770G1

Polyolefin Plastomer

Overview

AFFINITY™ VP 8770G1 Polyolefin Plastomer is a Polyolefin Plastomer (POP) produced using INSITE™ Technology.

AFFINITY VP 8770G1 Polyolefin Plastomer has exceptionally high clarity and flexibility. It has been designed for calendering applications but is also suitable for thicker and profiles extrusion.

The compatibility with other polyolefins and fillers is excellent.

Applications:

- Calendered or pressed flooring with moderate filler levels.
- Calendered film and sheet.
- Profile extrusion

Complies with:

- EU, No 10/2011
- U.S. FDA FCN 424

Consult the regulations for complete details.

Additive

- Antiblock: No
- Slip: No
- Processing Aid: No

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.885 g/cm ³	0.885 g/cm ³	ASTM D792
Melt Index (190°C/2.16 kg)	1.0 g/10 min	1.0 g/10 min	ISO 1133
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Shore Hardness (Shore A)	84	84	DIN 53505
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Brittleness Temperature	< -105 °F	< -76.0 °C	ASTM D746
Vicat Softening Temperature	135 °F	57.0 °C	ISO 306/A
Melting Temperature	180 °F	82.0 °C	DSC

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

