

AFFINITY™ VP 8770G1

Polyolefin Plastomer
The Dow Chemical Company

Message:

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:
AFFINITY™ SQ 1503 UE Polyolefin Plastomer is a Polyolefin Plastomer (POP) produced using INSITE™ Technology. AFFINITY SQ 1503 UE Polyolefin Plastomer is specifically designed for rotomoulding applications. It offers easy demoulding combined with flexibility and elastic recovery normally associated with polar copolymers such as EBA, EVA and plasticised PVC.

Processing and Stabilisation: The inherently stable POP is further stabilised against heat and UV-radiation. The result is a wide processing latitude, good colour retention and long life expectancy.

Availability: AFFINITY SQ 1503 UE Polyolefin Plastomer is available as free flowing powder ground to 500 micron.

Applications:
Buoys
Fenders
Road furniture
Complies with:
EU, No 10/2011
U.S. FDA FCN 424
Consult the regulations for complete details.
U.S. FDA FCN 424
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General Information			
Agency Ratings	EU No 10/2011		
	FDA FCN 424		
Forms	Pellets		
Processing Method	Blown Film		
	Cast Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.885	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	84		DIN 53505
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Vicat Softening Temperature	57.0	°C	ISO 306/A
Melting Temperature	82.0	°C	DSC

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