Technical Information

# 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/cm³ | 0.885 | g/cm³ | 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.

塑料专家 www.ponci.com.cn/wxb/ +13538586433 +18816996168