Velogy.
Aert van Nesstraat 45,
3012 CA Rotterdam, The Netherlands

Technical Data Sheet : Advyform P0309

Polypropylene, Homopolymer

Product Description

No TDS available

Detailed information on health and safety, regulatory compliance status, and any supported, prohibited, or restricted applications is available in the Product Regulatory Summary (PRS) and the applicable Safety Data Sheet (SDS).

General

Application	Compounding
Market	Compounding
Processing Method	-
Attribute	-
Internal reference	1Q355, BEN152720
Revision	Version 1 : September 23, 2026

Properties	Typical Value	Unit	Method
Polymer properties			
Density	0.65 - 0.90	g/cm^3	ISO 1183-1
Melt Flow Rate (MFR)			
at 230 °C and 2.16 kg	1.2	g/10 min	ISO 1133-1
Mechanical properties			
Charpy Impact Strength			
at 23 °C, Type 1, Edgewise, Notch A	3.5	kJ/m^2	ISO 179
Tensile test			
Tensile Modulus (23 °C)	1450	MPa	ISO 527-1, -2
Thermal properties			
Vicat Softening Temperature			
(A/50)	153	°C	ISO 306

Storage and Handling

The polymer grade is supplied in 25 kg bags, octabins, or bulk containers designed to protect the material from contamination. During storage, the resin should be protected from direct sunlight, temperatures above (<50 °C), and high atmospheric humidity. Prolonged exposure to sunlight, elevated temperatures, or high humidity may accelerate material degradation, reduce storage life, and adversely affect the quality of both the resin and its packaging. If the material is stored under conditions involving significant temperature fluctuations and high humidity, moisture may condense inside the packaging. In such cases, it is recommended to dry the resin before use and to ensure that the material remains completely dry to achieve optimal processing performance. Unfavorable storage conditions may also intensify the resin's slight characteristic odor.

Processing Techniques

Users should determine the conditions necessary to obtain optimum product properties and suitability of the product for the intended application. In cases where higher temperatures are required, please contact your appropriate technical contact for support.

Company Information

For further information regarding the Velogy, please visit http://www.velogy.com
© Velogy group of companies

Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, Velogy may further prohibit or restrict the sale of its products into certain applications.
For further information, please contact RegulatoryComplianceROP@velogy.com

Trademarks

The Trademark referenced within the product name is owned or used by the Velogy group of companies