



Adflex X 100 G

Advanced Polyolefin

Product Description

"Adflex" X 100 G is a thermoplastic polyolefin which has been developed as an impact modifier for polypropylene to be used both in extrusion and in injection moulding applications. Thanks to its particular characteristics, it does not alter the transparency of the modified polypropylene (homopolymer or random copolymer).

"Adflex" X 100 G features a high softness and a low modulus, with a relatively high Melt Flow Index.

It does not contain any slip nor anti-blocking agents.

Product Characteristics

Status Commercial: Active

Test Method used ISO

Availability Europe, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America

Features Flow, High, Soft

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	0.890	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	8.0	g/10 min
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	5.00	MPa
Tensile Strain at Break	ISO 527-1, -2	500	%

Flexural modulus	ISO 178	80.0	MPa
Impact			
Notched izod impact strength (-40 °C, Type 1, Notch A)	ISO 180	40.0	kJ/m ²
Hardness			
Shore hardness (Shore D)	ISO 868	30	
Thermal			
Vicat softening temperature (A50 (50°C/h 10N))	ISO 306	55.0	°C

Notes

Typical properties; not to be construed as specifications.

Additional Properties

Strain @ Break, ISO 527-1, -2: >500%

Notched Izod Impact, ISO 180, Type 1, Notch A, -40°C: >40 kJ/m²

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector

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