



Domolen 2600 TC

Domolen 2600TC is a hetrophasic copolymer. It shows a very high fluidity and good impact resistance. Typical applications are thinwalled packaging, housewares.

Food Contact Applications: This grade is in compliance with most regulations regarding food contact applications (EU, FDA). Specific information is available upon request.

Properties Typical value

Properties	Unit	Test method	Value
<u>Melt flow rate</u> MFR 230 / 2. 16	g/10 min	ISO 1133	48.0
<u>Technical properties</u>			
Tensile modulus of elasticity (v = 1mm / min)	MPa	ISO 527-2	950
Tensile yield stress (v = 50mm / min)	MPa	ISO 527-2	19
Tensile yield strain (v = 50mm / min)	%	ISO 527-2	5
Tensile strain at break (v = 50mm / min)	%	ISO 527-2	>50
Shear modulus	MPa	ISO 6721-2	500
Charpy impact strength notched	+ 23 ⁰ C	kJ/m ² ISO 179 / 1eA	20P
	± 0 ⁰ C	kJ/m ² ISO 179 / 1eA	9
	- 20 ⁰ C	kJ/m ² ISO 179 / 1eA	4,5
	- 30 ⁰ C	kJ/m ² ISO 179 / 1eA	4
Charpy impact strength unnotched	+ 23 ⁰ C	kJ/m ² ISO 179 / 1eU	NB
	± 0 ⁰ C	kJ/m ² ISO 179 / 1eU	NB
	- 20 ⁰ C	kJ/m ² ISO 179 / 1eU	NB
	- 30 ⁰ C	kJ/m ² ISO 179 / 1eU	125
Izod impact strength notched	+ 23 ⁰ C	kJ/m ² ISO 180 / 1A	18P
	± 0 ⁰ C	kJ/m ² ISO 180 / 1A	9
	- 20 ⁰ C	kJ/m ² ISO 180 / 1A	5.5
	- 30 ⁰ C	kJ/m ² ISO 180 / 1A	4.5
Ball indentation hardness (H 132/30 - *H 358-/30)	MPa	ISO 2039-1	44
<u>Thermal properties</u>			
Melting point, DSC	⁰ C	ISO 3146	163
Heat deflection temperature:			
- HDT / A (1.8 MPa)	⁰ C	ISO 75-2	48
- HDT / B (0.45 MPa)	⁰ C	ISO 75-2	78
Vicat softening temperature:			
- VST / A (10N)	⁰ C	ISO 306	142
- VST / B (50N)	⁰ C	ISO 306	56
<u>Other properties</u>			
Density	g/cm ³	ISO 1183	0.91
<u>Applications</u>			
Thinwalled packaging, housewares			

NB = Specimen not broken P= partial broken
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Not certified if printed

For further information please contact: polypropylene@domo.org

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