



Domolen 2340 P

Domolen 2340 P is a nucleated heterophasic propylene copolymer. Domolen 2340P combines a good stiffness with good impact strength. Typical applications are housewares, cylindrical containers and crates, furniture.

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 values)

Properties	Unit	Test method	Value
Melt flow rate MFR 230 / 2. 16	g/10 min	ISO 1133	15
Technical properties			
Tensile modulus of elasticity (v = 1mm/min)	MPa	ISO 527-2	1400
Tensile yield stress (v = 50mm/min)	MPa	ISO 527-2	28
Tensile yield strain (v = 50mm/min)	%	ISO 527-2	6
Tensile strain at break (v = 50mm/min)	%	ISO 527-2	>50
Shear modulus	MPa	ISO 6721-2	730
Charpy impact strength notched	+ 23°C	kJ/m ²	6
	+/- 0°C	kJ/m ²	3
	- 20°C	kJ/m ²	2.5
	- 30°C	kJ/m ²	2
Charpy impact strength unnotched	+ 23°C	kJ/m ²	NB
	+/- 0°C	kJ/m ²	100
	- 20°C	kJ/m ²	50
	- 30°C	kJ/m ²	45
Izod impact strength notched	+ 23°C	kJ/m ²	5
	+/- 0°C	kJ/m ²	3
	- 20°C	kJ/m ²	2.5
	- 30°C	kJ/m ²	2
Ball indentation hardness (H 358/30)	MPa	ISO 2039-1	63
Thermal properties			
Melting point, DSC	°C	ISO 3146	163
Heat deflection temperature:			
- HDT / A (1.8 MPa)	°C	ISO 75-2	53
- HDT / B (0.45 MPa)	°C	ISO 75-2	90
Vicat softening temperature:			
- VST / A (10N)	°C	ISO 306	151
- VST / B (50N)	°C	ISO 306	68
Other properties			
Density	g/cm ³	ISO 1183	0.91
Applications			
Housewares, cylindrical containers and crates, furniture			

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NB = specimen not broken

For further information please contact: polypropylene@domo.org

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