



Domolen 2340RC

Domolen 2340RC is a CR modified, nucleated heterophasic polypropylene copolymer with excellent flow properties and narrow molecular weight distribution.

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	25	
<u>Technical properties</u>				
Tensile modulus of elasticity (v = 1mm / min)	MPa	ISO 527-2	1200	
Tensile yield stress (v = 50mm / min)	MPa	ISO 527-2	27	
Tensile yield strain (v = 50mm / min)	%	ISO 527-2	7	
Tensile strain at break (v = 50mm / min)	%	ISO 527-2	>50	
Shear modulus	MPa	ISO 6721-2	590	
Charpy impact strength notched	+ 23°C	kJ/m ²	ISO 179 / 1eA	5
	- 30°C	kJ/m ²	ISO 179 / 1eA	2.5
Charpy impact strength unnotched	+ 23°C	kJ/m ²	ISO 179 / 1eU	NB
	- 30°C	kJ/m ²	ISO 179 / 1eU	67
Izod impact strength notched	+ 23°C	kJ/m ²	ISO 180 / 1A	5
	- 30°C	kJ/m ²	ISO 180 / 1A	2.8
Ball indentation hardness (H 358/30)	MPa	ISO 2039-1	62	
<u>Thermal properties</u>				
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	
<u>Other properties</u>				
Density	g/cm ³	ISO 1183	0.91	
<u>Applications</u>				
Closures, housewares, general injection moulding				

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NB= Specimen not broken

For further information please contact: polypropylene@domo.org

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