

### PP-Cordenka<sup>®</sup> 25

#### Product Description

Cellulose fiber reinforced polypropylene for injection molding. Scratch resistant, heat- and UV-stabilized, low-emission material suitable for aesthetic applications.

Property	Test Method	Unit	Typical Value
Density	ISO 1183	g/cm <sup>3</sup>	1,00
Fiber Content	-	%	25
Melt Flow Rate, 200°C, 2.16 kg	ISO 1133	g / 10 min	6
Tensile Strength	ISO 527	MPa	60
Tensile Modulus	ISO 527	MPa	3.000
Elongation at Break	ISO 527	%	7
Flexural Strength	ISO 178	MPa	83
Flexural Modulus	ISO 178	MPa	3.000
Impact Strength, Charpy unnotched, + 23°C	ISO 179	kJ/m <sup>2</sup>	62
Impact Strength, Charpy unnotched, - 30°C	ISO 179	kJ/m <sup>2</sup>	41
Impact Strength, Charpy notched, + 23°C	ISO 179	kJ/m <sup>2</sup>	8
Impact Strength, Charpy notched, - 30°C	ISO 179	kJ/m <sup>2</sup>	5,5
Heat Deflection Temperature HDT/A	ISO 75	° C	99
Heat Deflection Temperature HDT/B	ISO 75	° C	152
Water Absorption, 192 h, H <sub>2</sub> O	ISO 62 V 1	%	1,0
Water Absorp., 192 h, Air, Std. Climate	ISO 62 V 1	%	0,2
Flammability / Burn Rate	FMVSS 302	mm / min	46
Dielectric Strength	DIN EN 60243-1	V	> 7000

Development type, status 12/2020 Technical data subject to change

**CORDENKA<sup>®</sup>**  
Premium Rayon Reinforcement

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