

# CERTENE™ PBM-20AN

Polypropylene Impact Copolymer

Muehlstein

## Message:

PBM-20AN is a certified prime grade for injection molding applications needing Medium Impact Performance. PBM-20AN contains nucleating agent and anti-stat. PBM-20AN applications include storage containers, bins and crates. PBM-20AN complies with FDA regulation 21CFR 177.1520(c) 3.1a, conditions of use B-H (per 21 CFR 176.170(c)).

General Information			
Additive	Nucleating agent		
	Antistatic property		
Features	Nucleated		
	Impact copolymer		
	Antistatic property		
	Compliance of Food Exposure		
	Medium impact resistance		
Uses	Container		
	Loading box		
Agency Ratings	FDA 21 CFR 176.170(c) 1		
	FDA 21 CFR 177.1520(c) 3.1a		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	26.2	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup>	1030	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
Additional Information			
Tests made on injection-molded specimens molded according to ASTM D 4101.			

## NOTE

1.	50 mm/min
2.	50 mm/min
3.	1.3 mm/min

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## Recommended distributors for this material

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