

# Sinpolene MFP 22KA2

## - Polypropylene

Friday, June 30, 2017

### General Information

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Asia Pacific	• Latin America
Additive	• Flame Retardant		
Features	• Flame Retardant		
Uses	• Appliance Components	• Housings	
Forms	• Pellets		

### ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.0E-4	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	3770	psi	ASTM D638
Flexural Modulus	392000	psi	ASTM D790
Flexural Strength	5510	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.58	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	83		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	275	°F	ASTM D648
Vicat Softening Temperature	309	°F	ASTM D1525 <sup>2</sup>
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in		V-2	
0.13 in		V-0	

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Loading 1 (10 N)

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