

Capilene® SU 75 AV

Polypropylene Impact Copolymer

Carmel Olefins Ltd.

Message:

CAPILENE ® SU 75 AV is a controlled rheology polypropylene heterophasic copolymer intended for injection molding.
CAPILENE ® SU 75 AV features: controlled rheology, nucleating and antistatic additives, good impact strength, high flow, short molding cycle time and good dimensional stability.
CAPILENE ® SU 75 AV is suitable for: thin walled packaging items, boxes, crates, pails and toys.

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Controlled Rheology		
	Fast Molding Cycle		
	Good Dimensional Stability		
	Good Impact Resistance		
	High Flow		
	Impact Copolymer		
	Nucleated		
Uses	Containers		
	Crates		
	Pails		
	Thin-walled Packaging		
	Toys		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	44	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield ¹	24.0	MPa	ASTM D638
Yield	23.0	MPa	ISO 527-2/50
Tensile Elongation			
Yield ²	9.0	%	ASTM D638
Yield	8.0	%	ISO 527-2/50

Flexural Modulus			
--	1100	MPa	ASTM D790
-- ³	1150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
-20°C	50	J/m	ASTM D256
23°C	80	J/m	ASTM D256
-20°C	5.0	kJ/m ²	ISO 180
23°C	9.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	94.0	°C	ASTM D648
0.45 MPa, Unannealed	77.0	°C	ISO 75-2/B
Vicat Softening Temperature	147	°C	ISO 306/A, ASTM D1525 ⁴
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	5.0 mm/min		
4.	Loading 1 (10 N)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT