



CMP 10535

Description:

DANCMP 10535 is a medium molecular weight polystyrene .it has good melt strength polystyrene for sheet and foam extrusion applications. It offers optimum mechanical strength and excellent thermal properties for food trays and suitable for profile.

Advantages:

Good processability
Good mechanical properties

Characteristics:

Appearance: Granular
Color: White
Carrier: PS
Processing Method: Suitable for Extrusion

Application:

Food trays and suitable for profile, extrusion and embossed sheets

Properties:

<u>Parameters</u>	<u>Value</u>	<u>Unit</u>	<u>Test Method</u>
Physical			
Melt Flow Index (200°C, 5 kg)	4 ± 1	g/10 min	ASTM D 1238
Density	1.05± 0.02	gr/cm ³	ASTM D 1505
Ash Content	2 ± 0.5	%	ASTM D 5630
Mechanical			
Tensile Strength @Peak	48 ± 2	MPa	ASTM D 638
Notched Izod Impact(23°C)	4 ± 3	KJ/m ²	ISO 180

*Test Condition: Samples were prepared by injection molding machine (100 Ton).

Processing Conditions:**Injection Molding:**

Rear Temp (°C)	Center Temp (°C)	Center Temp (°C)	Front Temp (°C)	Nozzle Temp (°C)
190-200	190-200	200-210	200-210	210-220
Melt Temp (°C)	Mold Temp (°C)	Filling Speed		
220	60-80	Slow-Mid		

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