

Scratchem

Scratch Resistance Compound

Applications

Scrachem compound is a grades with Medium Impact strength, low temperature toughness, Excellent Formability, dimensional stability, Heat Resistance, Low Gloss, High scratch resistance and good surface Polypropylene. This resin has an ideal fit in applications ranging from centre consoles and dashboards to door inner panels and pillar covers.

Physical Properties

Item	Typical Value	Unit	Test Method
Melt Flow Index (230°C/2.16kg)	9	g/10min	ISO 1133
Melt Flow Index (230°C/5kg)	---	g/10min	ISO 1133
Melting Point (DSC)	164	°C	ISO 3146
Ash Content	22	% wt.	ASTM D5630
Density	1.1	gr/cm ³	ASTM D792
Tc (DSC)	127	°C	ISO 3146
Heat Of Fusion (DSC)	61.8	j/gr	ISO 3146
Oxidative Induction Time (OIT)	>20	min	ASTM D 3895
Elongation at break @ 23±2°C	124.2	%	ISO 527
Stress at Break @ 23±2°C	17	MPa	ISO 527
Charpy notched Impact Strength	31.48	Kj/m ²	ISO179
Wear index(Taber)	80	mg	ASTM D 4060

❖ General

Scratchem

- Recyclable
- Light weight potential (8–10% weight saving)
- High surface aesthetics (low gloss, excellent scratch and good haptic characteristics)

❖ Packaging

Scratchem is supplied in regular pellet form packed in 25kg bags. It should be stored in a dry place