



Technical Data Sheet
General Processing Conditions

ResMart PC/ABS NH-1015V – Non-halogenated, flame retardant PC/ABS

Manufacturer: Samsung, a division of Cheil Industries

Technical Data Sheet Properties

Physical Property	Value	Test Method
Specific Gravity	1.17	ASTM D792
Melt Flow Rate 220 °C, 10 KG	30g/10min	ASTM D1238
Melt Flow Rate	29g/10min	ISO 1133
Tensile Strength	8560 psi	ASTM D638
Flexural Modulus	348,000 psi	ASTM D790
Flexural Strength	12,900 psi	ASTM D790
Notched Izod Impact 0.125"	10.0 ft-lbs/in	ASTM D256
HDT 264 psi	227°F	ASTM D648
Flame Rating	V0	UL 94
Rockwell hardness	118	ISO 2039

* Data herein is typical and not to be construed as specifications.

Injection Molding Processing Guidelines

Setting	Value
Drying Temperature	200 °F
Drying time	4 hours
Suggested max moisture	0.10%
Dew point	0 °F
Melt temperature	400 – 500 °F
Mold temperature	145 – 175 °F
Injection Pressure	10,000 – 14,000 psi

*** Desiccant type dryer required**

The information provided on this datasheet should only be used as a guideline. Actual lot to lot values will vary.

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