

**ResMart PC/ABS NH-1015V - Flame retardant Polycarbonate/ABS alloy.**  
Non-halogenated

Technical Data Sheet Properties

Physical Property	Value	Test Method
Specific Gravity	1.17	ASTM D 792
Melt Flow Rate @ 220°C - 10kg	30 g/10 min	ASTM D 1238
Mold Shrinkage	0.5 - 0.7 %	ASTM D 955

Mechanical Property	Value	Test Method
Tensile Strength	9200 psi	ASTM D 638
Flexural Strength	13000 psi	ASTM D 790
Flexural Modulus	340000 psi	ASTM D 790
Notched Izod Impact (0.125in)	10 ft-lbs/in	ASTM D 256
Rockwell Hardness (R-Scale)	118	ASTM D 785

Thermal Property	Value	Test Method
Vicat Softening Temp (50°C/HR)	100.5 °C	ISO R306B
Flame Rating	V-0 @ 1.5mm	UL 94

Processing Guidelines	Value
Drying Time	2 - 4 Hours
Drying Temperature	175 °F
Melt Temperature	500 - 540 °F
Mold Temperature	100 - 150 °F

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

Disclaimer: No information supplied by ResMart LLC constitutes a warranty regarding product performance or use. Any information regarding performance or use is only offered as suggestion for investigation for use, based upon ResMart LLC or other customer experience. ResMart LLC makes no warranties, expressed or implied, concerning the suitability or fitness of any of its products for any particular purpose. It is the responsibility of the customer to determine that the product is safe, lawful and technically suitable for the intended use. The disclosure of information herein is not a license to operate under, or a recommendation to infringe any patents.