RC-200A

High-Silicone-Content ASA Core-Shell Impact Modifier

TECHNICAL DATA SHEET TDS | Rev. 2026-10-02

Product Description

RC-200A is described in the source as a high-silicone-content ASA high-rubber-powder grade with high heat resistance and good low-temperature impact performance. The available comparison evidence is against Mitsubishi Chemical METABLEN S Series SRK-200A, a core-shell impact modifier. For technical accuracy, this TDS therefore presents RC-200A as a core-shell impact-modifier product for evaluation rather than treating the reference as conventional ABS high-rubber powder.

Formulation-Specific Comparison

Test formulation: PC-110 / AS / ASA High-Rubber Powder / Lubricant / 1076 = 75 / 15 / 10 / 0.5 / 0.5
Reference: Mitsubishi Chemical METABLEN S Series SRK-200A

Property	Condition	RC-200A	SRK-200A
Notched Izod	ASTM D256; 23°C	718 J/m	729 J/m
Notched Izod	ASTM D256; -30°C	266 J/m	248 J/m
Tensile strength at break	ASTM D638; 50 mm/min	65.4 MPa	65.8 MPa
Elongation at break	-	158.1%	145.2%
L	CIE	91.02	91.09
a	CIE	0.35	0.23
b	CIE	5.91	5.61
Yellow Index	-	12.58	11.07

The comparison is specific to the stated formulation and conditions. It supports technical evaluation only and does not establish chemical identity or guaranteed equivalence.

Application Positioning

Area	Source-Supported Positioning
Product description	High-silicone-content ASA grade / core-shell impact-modifier evaluation
Performance focus	High heat resistance and low-temperature impact performance
Example end-use fields	Automotive parts, electrical/electronic components, home appliances, outdoor products

Comparable-Grade Context

RC-200A may be evaluated in applications where Mitsubishi Chemical METABLEN S Series SRK-200A is being considered. Customer qualification is required. The third-party trademark is used only to identify the reference product in the source comparison; no affiliation or endorsement is implied.

Technical Note

The source uses the category term 'ASA high-rubber powder' for RC-200A while the comparison reference is a core-shell impact modifier. This TDS preserves that source context and avoids representing the two products as chemically identical.

Packaging

Item	Information
Standard packaging	20 kg/bag

Other commercial conditions should be confirmed in the current quotation; they are not inferred in this TDS.

Qualification & Disclaimer

Application-test data in this document are formulation-specific. They do not constitute a universal product specification, guaranteed equivalence, or finished-part performance warranty. Customers should qualify the material in their own resin grade, formulation, processing conditions and finished-part requirements.

RC Polymer Solutions | China www.mbs-acr.com frank@mbs-acr.com WhatsApp +86 155 6437 2631