

RTP 6035-35A

Thermoplastic Elastomer

RTP Company

Technical Data

Product Description

Clear

General

RoHS Compliance	• Contact Manufacturer
Appearance	• Clear/Transparent
Processing Method	• Injection Molding

Physical

Nominal Value Unit

Test Method

Specific Gravity	0.900 g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.5 to 4.5 %	ASTM D955

Elastomers

Nominal Value Unit

Test Method

Tensile Stress ³ (100% Strain, 3.18 mm)	0.689 MPa	ASTM D412
Tensile Strength ⁴ (Yield, 3.20 mm)	6.21 MPa	ASTM D412
Tensile Elongation ⁴ (Break)	650 %	ASTM D412
Tear Strength ⁵	21.0 kN/m	ASTM D624
Compression Set ⁶ (23°C, 22.0 hr)	28 %	ASTM D395B

Hardness

Nominal Value Unit

Test Method

Durometer Hardness (Shore A, 10 sec)	35	ASTM D2240
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Injection

Nominal Value Unit

Drying Temperature	51.7 °C
Drying Time	2.0 to 4.0 hr
Dew Point	< -17.8 °C
Processing (Melt) Temp	182 to 232 °C
Mold Temperature	15.6 to 65.6 °C

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

³ Die C, 510 mm/min

⁴ Die C, 500 mm/min

⁵ Die C

⁶ Type 2