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Poncioplastics.com



**Product Data Sheet &
General Processing Conditions**

**RTP 2700 S-30A MD NATURAL
Saturated Styrenic Block Copolymer
(TES/SEBS or other)
ISO 10993 Tested**

RTP 2700 S-30A MD NATURAL has been tested and was found to be compliant with ISO 10993 sections 5, 10, and 11.

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE	English	SI Metric	ASTM TEST
Specific Gravity	0.89	0.89	D 792
Molding Shrinkage 1/8 in (3.2 mm) section	0.0200 - 0.0300 in/in	2.00 - 3.00 %	D 955
MECHANICAL			
Tensile Strength Break, Die C, 0.125 in, 20 in/min (3.2mm, 500 mm/min)	750 psi	5 MPa	D 412
Tensile Elongation Break, Die C, 0.125 in, 20 in/min (3.2mm, 500 mm/min)	700.0 %	700.0 %	D 412
Tear Strength, Die C	115.0 pli	20.2 N/mm	D 624
Compression Set 22 h @ 23 °C (73 °F), Method B, Type 2	10 %	10 %	D 395
22 h @ 70 °C (158 °F), Method B, Type 2	37 %	37 %	D 395
Hardness Shore A, 10 s delay	30	30	D 2240

PROPERTY NOTES

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

Unless otherwise specified, all data listed is for natural or black colored materials. Pigments can affect properties.

GENERAL PROCESSING FOR INJECTION MOLDING

	English	SI Metric
Melt Temperature	350 - 400 °F	177 - 204 °C
Mold Temperature	60 - 100 °F	16 - 38 °C
Drying	2 hrs @ 170 °F	2 hrs @ 77 °C