



# Specification

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**Product Name:** Zeotherm 100-70B

**Product Description:** Zeotherm 100-70B is a high-performance thermoplastic vulcanizate (TPV) designed to survive long-term exposure to 150°C air and oil. This grade is optimized for injection molding processes.

**Product Packaging:** Standard unit is a 50-lb foil-lined paper bag.

## Specifications

No	Product Characteristic	Procedure	Property	Unit	Specifications	
					Min	Max
1	Hardness, Shore A (15s delay)	PT-004	Hardness	pts	70	80
2	Specific Gravity	PT-029	Specific Gravity	N/A	1.09	1.15
3	Bulk Density	ASTM D1895	Density	lb/ft <sup>3</sup>	28.00	38.00
4	Elongation	PT-006B	Eb	%	150	-
5	Melt Flow Index	PM-026	MFI	g/10 min	1.00	7.00
6	Tensile Strength	PT-006B	Tb	MPa	7.00	-

## Special Notes

**FDA Information:** For specific information, please make an inquiry to [productstewardship@zeonchemicals.com](mailto:productstewardship@zeonchemicals.com).

**SDS Disclaimer:** Refer to the appropriate SDS for safety, handling and storage instructions.

**Test Proc. Disclaimer:** Zeon Test Procedures available upon request.

**Change Notification:** No significant change in manufacturing site location, raw material(s), raw material supplier(s), testing methods, test equipment, test facilities, manufacturing location, manufacturing process, and / or manufacturing equipment shall occur without notification.

**Shelf Life:** Retest critical parameters 2 years after date of manufacture.

**Other Notes:** Measured on injection molded specimens.

**Revision Summary:** 1.) Update format. 2.) Update Shelf Life.

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