



DATE : 27.09.2023

CERTIFICATE OF ANALYSIS

ITEM NAME : SILICONE RUBBER
PRODUCT NO : ZEC-EHFPT70

LOT NO. 10002316-2705D00050
QUANTITY : 960 KG

ITEM	UNIT	RESULT	TEST METHOD	
APPERANCE	Transparent			
SPECIFIC GRAVITY	25°C - g/cm ³	1.20 ±0.03	1,19	GB/T 533-2008
HARDNESS,	SHORE A	70±3	69	GB/T 533.1-2008
TENSILE STRENGTH	MPa (psi)	≥7.5	10,70	GB/T 528-2009
ELONGATION AT BREAK	%	≥250	370	GB/T 528-2009
TEAR STRENGTH	kN/m	≥18	23	GB/T 529-2008
İNİTIAL Plasticity	mm	240±50	250	GB/T 12828-2006
REBOUND	%	≥45	54,5	GB/T 1681-2009

(*)Physical and Mechanical Properties are based on first vulcanization data, electrical Properties are drawn from second vulcanization data

(**) First vulcanization condition for test piece: 175 C*5 mins. Second Vulcanization condition for test piece: 200 C*4 h

(***) Vulcanizator: Properties obtained using Add 1,2% of 2,5-Dimethyl-2,5-di (tert.butylperoxy) hexane (40%), curing at 175 C for 5 minutes.

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