

# Test report

Product grade		6030-90		Quality inspection date		April 6, 2024
Serial No	unbost items	unit	Testin aards	Judgment scope	Test results	Test method
1	Appearance		By visual esti	mation	transparent	By visual estima
2	Hardness	Shore A	ASTM-D2240	90±2	92	Room temperature
3	Density	SP.Gr	ASTM-D792	0.900±0.05	0.901	Room temperature
4	Melt flow index	g/10min	ASTM-D1238	5~10	6.2	190°C. 2.16kg
5	Tensile strength	Mpa	ASTM-D412	≥10	12.74	Room temperature. 500 m
6	elongation rat	%	ASTM-D412	≥600	735.83	
7	Tear strength	KN/m	ASTM-D624	≥70	89.21	Room temperature. 500 n

Suggested process		
Barrel temperature	Range(°C)	Typical value(°C)
Front section(Zone 1)	150~190	165
Middle section(Zone 2)	150~210	175
Rear section(Zone 3)	150~210	185
Nozzle (four zones)	160~200	175
Upper limit of processing temperature(°C)	220	
Drying time	Under normal storage conditions, this elastomer does not absorb moisture and does not need to be dried before processing. However, if the storage environment is relatively humid or the surface quality of the produced parts is required to be high, the pellets can be dried in a hot air oven at approximately 50°C for 0.5 to 1 hour.	

1. The above data is for reference only. Adjustments can be made to the above data based on different machine models, molds and product requirements. 2. Do not let the material stay in the barrel for too long. Please clean the machine with PPor other materials before shutting it down.