



T-BLEND® is a series of thermoplastic elastomer compound materials produced by TSRC Corporation.

T-BLEND® SNR-004 thermoplastic elastomer is specially designed for replacing conventional foaming elastomer such as NR and EPDM, and it can be used as modifier for EVA and PE foaming.

T-BLEND® SNR-004 thermoplastic rubber can produce unique products with better resilience properties by SCF injection foaming process.

Physical Properties before foaming:

PROPERTIES	TESTING METHOD	CONDITIONS	UNITS	VALUES
Form	N/A	--	--	Pellets
Color	N/A	--	--	white
SP.GR/Density	ASTM D792	--	--	0.88~0.92
Hardness	ASTM D2240	A Type	Shore A	62~68
Melt Flow Index	ASTM D1238	2.16kg @ 230°C	g/10min	10~40

Processing Guide :

Drying :

Under general storing condition, **T-BLEND® SNR-004** needs pre-drying at 70°C for at least 2-4hrs before processing.

Injecting :

Information below is our Injection guide, but actual operation should rely on your processing experience.

Processing Temperature :

200~220°C

Physical Properties after foaming:

The following testing data is from SCF foaming slabs by King Steel, and is for reference only.

PROPERTIES	TESTING METHOD	CONDITIONS	UNITS	VALUES
SP.GR/Density	ASTM D792	--	--	0.19~0.23
Hardness	ASTM D2240	C Type	Shore C	27~35
Resilience	ASTM D2632		%	60-65

