



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

T-BLEND® SNS-002 thermoplastic elastomer is specially designed for replacing conventional foaming elastomer such as NR and EPDM and EVA.

T-BLEND® SNS-002 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	--	--	1.05~1.15
Hardness	ASTM D2240	A Type	Shore A	86~92
Melt Flow Index	ASTM D1238	2.16kg @ 230°C	g/10min	1~15

Processing Guide :

Drying :

Under general storing condition, **T-BLEND® SNS-002** needs pre-drying at 100°C for at least 4hrs before processing.

Injecting :

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

Processing Temperature :

210~230°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	--	--	0.20~0.25
Hardness	ASTM D2240	C Type	Shore C	45~55
Resilience	ASTM D2632		%	65~70

