

High transparency and high tear resistance (TN90X1 Series)

Application >>

- Suitable for products with high transparency and good resistance to yellowing, such as nipple, swimming goggles and tubes, etc. Both for compression and extrusion

Characteristic >>

- High transparency, good tear resistance, high tension, good processing performance, good stability, good fluidity, good mould release.
- FDA, ROHS, REACH, Biocompatibility certificated.



Specification Data Sheet >>

ITEM	Demand						
	TN-9021	TN-9031	TN-9041	TN-9051	TN-9061	TN-9071	TN-9081
Appearance	High transparent solid, no obvious mechanical impurities						
Density(g/cm ³)	1.08±0.03	1.10±0.03	1.12±0.03	1.15±0.03	1.17±0.03	1.19±0.03	1.22±0.03
Hardness(Shore A)	20±2	30±2	40±2	50±2	60±2	70±2	80±2
Tensile strength(MPa)≥	7.0	7.5	8.5	9.0	8.5	8.5	8.0
Elongation(%)≥	800	800	680	580	480	400	300
Tear strength(kN/m)≥	10	25	35	40	40	35	35
Heat Shrinkage(%)	3.5~4.1	3.4~4.0	3.3~3.9	3.2~3.8	3.1~3.7	3.0~3.6	2.9~3.5
Plasticity	120~150	180~200	185~210	215~235	250~270	290~310	310~340

Application

