HK:+852-69575415 China GuangDong:+13538586433 ShangHai:+18816996168

ENSOFT TU-320-40A

ENSOFT-T

Product Description : This polyolefin based thermoplastic elastomer (SBS) compound is low mineral filled, high performance and completely recyclable. ENSOFT® series can be processed with conventional thermoplastics machinery.

Additive Packages : H / Heat stabilizer
/

Key Features : Ozone and weathering resistance
Rubberlike elasticity in a wide temperature range
Easy colorability with proper MB (PE, PP, etc. based)

Process Method : Injection / multi injection molding

Uses : Industrial applications, house apliances, consumer goods

	Value	Unit	Standard
Physical			
Hardness	40	SHORE A	ISO 868 (3 second)
Density	0,98	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	0,8	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	1,5	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	3,4	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	700	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	25	N/mm	ISO 34-1 Method B
Aging			
Compression Set (72h/23°C)	24	%	ISO 815

Environmental Resistance	
Water	Excellent
Drying Condition	
Drying Time(hr)	Not required
Drying Temperature(°C)	Not required

Data Sheet

ENSOFT TU-320-40A

ENSOFT-T

Molding Condition (°C)	
1st Zone (hopper)(°C)	150-160
2nd Zone(°C)	160-170
3rd Zone(°C)	170-180
Nozzle(°C)	185-190
Melt Temperature(°C)	190-200
Mold Temperature(°C)	10-50
Max Allowable Melt Temperature(°C)	250 C