+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

ENSOFT SX-320-90A

ENSOFT-S

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

Additive Packages : T / Heat and UV stabilizer
/

Key Features :
Excellent ozone, UV and weathering resistance
Rubberlike elasticity in a wide temperature range
Low compression set
Super high flow for difficult injection molding applications
Easy colorability with proper MB (PE, PP, etc. based)

Process Method : Injection/multi injection molding

Uses : Industrial applications, automotive, consumer goods, home&kitchen appliances

	Value	Unit	Standard
Physical			
Hardness	90	SHORE A	ISO 868 (3 second)
Density	0,98	gr / cm3	ISO 1183 1-A
Brittleness Point	-55	°C	*
Mechanical			
100% Modulus	6,2	Mpa	ISO 37, DIN 53504
300% Modulus	7	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	12	Mpa	ISO 37, DIN 53504
Elongation at Break	670	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	60	kN/m	ISO 34-1
Aging			
Compression Set (72h/23°C)	34	%	ASTM D 395-89-B
Compression Set (22h/70°C)	62	%	ASTM D 395-89-B
Thermal			
Max. Dynamic Service Temperature	90	°C	*

Data Sheet

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Max. Static Service Temperature	135	°C	*

Environmental Resistance

Ozone	Excellent
Water	Excellent
Alcohol	Excellent
Olive Oil	Fair
Sulphuric Acid	Good
Detergent	Good

Drying Condition

Drying Time(hr)	Not required
Drying Temperature(°C)	Not required

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