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

ENSOFT SX-161-55A

ENSOFT-S

Product Description : This polyolefin based thermoplastic elastomer (SEBS) compound is high mineral filled, completely recyclable and suitable for general purpose applications. 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
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, personal care, toys, consumer goods, home&kitchen appliances

	Value	Unit	Standard
Physical			
Hardness	55	SHORE A	ISO 868 (3 second)
Density	1,18	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	1,1	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	1,4	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	5,1	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	730	%	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)	20	%	ISO 815
Compression Set (22h/70°C)	42	%	ISO 815

Environmental Resistance	
Ozone	Excellent
Water	Excellent
Alcohol	Excellent

Data Sheet

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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