



ENSOFT SX-216-20A

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Product Description :	This polyolefin based thermoplastic elastomer compound is SEBS grade impact modifier for HDPE and PS with injection molding and can be processed with conventional thermoplastics machinery.
Additive Packages :	H / Heat stabilizer /
Key Features :	Rubberlike elasticity Ease of coloring by proper MB (PE, PP, etc. based) Ease of processing Recyclability
Process Method :	Injection/multi injection molding
Uses :	Industrial applications, automotive, personal care, toys, consumer goods, home&kitchen appliances

	Value	Unit	Standard
Physical			
Hardness	20	SHORE A	ISO 868 (3 second)
Density	0,89	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	0,5	Mpa	ISO 37, DIN 53504
300% Modulus	1,0	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	3,5	Mpa	ISO 37, DIN 53504
Elongation at Break	750	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	14	N/mm	ISO 34-1 Method B

Environmental Resistance

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



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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)	220 C

