



ENSOFT SX-216-20A

ENSOFT

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 |



Ravago Petrokimya Uretim A.S.



ENSOFT SX-216-20A

ENSOFT

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 |

