



RAVATHANE

Technical Data Sheet

R210D52UV

Description: Product is based on standard grade polyether and has strong resilience and tear resistance, excellent abrasion resistance, excellent resistance to hydrolysis failure and microbial attack, good stability towards solvents and light.

Application: Injection molding and extrusion

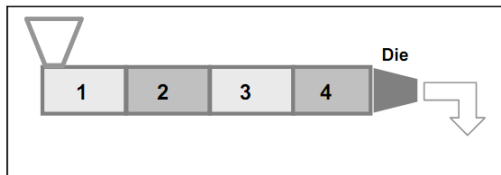
Typical Properties

PROPERTIES	METHOD	UNITS (English Metric)	NOMINAL VALUES
Hardness	DIN 53505 – ISO 868	Shore A	52D
Density	DIN ISO 1183-1 A	g/cm ³	1,14
100% modulus	DIN 53504 – ISO 37	MPa	17,0
300% modulus	DIN 53504 – ISO 37	MPa	28,0
Tensile strength	DIN 53504 – ISO 37	MPa	47
Elongation at break	DIN 53504 – ISO 37	%	470
Tear strength	DIN ISO 34-1 B/b	N/mm	130
Abrasion Resistance	DIN ISO 4649	mm ³	35

Application Guideline (Injection Molding)

Nozzle (°C)	Metering (°C)	Compression (°C)	Feed (°C)	Pressure (Mpa)	Drying Temp. (°C)
210	215	210	200	70	100-110

Application Guideline (Injection Molding)



Zone 1	180 °C	195 °C
Zone 2	190°C	210°C
Zone 3	200°C	220°C
Zone 4	190°C	200°C
Die	185°C	195°C

Type: 30/25d (l/d=25:1), Cooling.Air, Screw.-3:1, Speed.-50 rpm, Breaker plate.---Filter.--- Thickness Die.-0,2mm, Pre-heating. - 1h@105°C



Manufacturer : RAVAGO KİMYA Plastik San. ve Tic. A.Ş.



Supplier : ENPLAST Plastik Kimya San. ve Tic. A.Ş.