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Elastocon® 3353 is a white S-B-S thermoplastic elastomer formulated for applications that require rubber-like properties and a good surface finish. Elastocon® 3353 is heat sealable and well suited for consumer goods and extruded tubing and profile applications. Elastocon® 3353 can be overmolded and/or coextruded onto polystyrene.

Elastocon® 3353 is supplied as ready to use pellets in 50 lb. bag quantities.

Typical Physical Properties			
Property	Referenced ASTM Test Method	Test Unit	Typical Value
Hardness	ASTM D2240	Shore A	50
Specific Gravity	ASTM D792	g/cc	.95
Tensile Properties	ASTM D412		
Tensile Strength	ASTM D412	Mpa (psi)	3.4 (493)
100% Modulus	ASTM D412	Mpa (psi)	1.9 (273)
Elongation	ASTM D412	%	345
Tear Strength	ASTM D624	pli	126

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Processing

Suggested Extrusion Processing Conditions		
Barrel Temperatures	English	SI
Zone 1	310-320F	154-160C
Zone 2	320-340F	160-171C
Zone 3	340-350F	171-177C
Zone 4	360-370F	182-188C
Zone 5	350-360F	177-182C
Die	320-340F	160-171C
Screw Speed	75-125 RPM	75-125 RPM

Suggested Injection Molded Processing Conditions		
Barrel Temperatures	English	SI
Rear	350F	177C
Center	370-390F	188-199C
Front	380-400F	193-204C
Nozzle	390-400F	199-204C
Melt	390-400F	199-204C
Mold Temperature	100F-120F	37.8-49C
Back Pressure	50-150 psi	.34-1.03 MPa
Injection Rate	Slow - Moderate	Slow – Moderate

Elastocon® 3353 thermoplastic elastomer compound does not require drying.

Elastocon® concentrates are not compatible with flexible PVC and should not be blended with or used in an application where direct contact is intended.

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