



CLR15

Elastocon® CLR15 is a transparent thermoplastic elastomer that has been developed for applications that require resilience, high strength properties and a good surface finish. Elastocon® CLR15 is FDA compliant and well suited for consumer goods and industrial applications requiring U.V. stability.

Elastocon® CLR15 is supplied as ready to use pellets in 40 lb. bag quantities.

Typical Physical Properties			
Property	Referenced ASTM Test Method	Test Unit	Typical Value
Hardness	ASTM D2240	Shore A	15
Specific Gravity	ASTM D792	g/cc	.90
Tensile Properties	ASTM D412		
Tensile Strength	ASTM D412	Mpa (psi)	6.08 (882)
100% Modulus	ASTM D412	Mpa (psi)	.22 (32)
Elongation	ASTM D412	%	862
Tear Strength	ASTM D624	pli	114

For additional technical, sales, and order assistance:

Elastocon TPE Technologies
PO Box 463
Rochester, IL 62563 USA

Sales and Technical Assistance:

Office +1 217 498 8500
Fax +1 888 231 8332
orders@etpe.com
sales@etpe.com
techsupport@etpe.com
www.etpe.com

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	60F-120F	15.6-48.9C
Back Pressure	25-150 psi	.17-1.03 MPa
Injection Rate	Slow	Slow

Elastocon® CLR15 thermoplastic elastomer compound does not require drying.

Elastocon® thermoplastic elastomers 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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Rev: 2015