Dryflex® CS 60A001N

Styrene Ethylene Butylene Styrene Block Copolymer

ELASTO

Message:

Dryflex CS are a range of thermoplastic elastomer (TPE) compounds, based on SEBS. The range has been engineered to deliver optimised compression set performance. The raw materials used to manufacture Dryflex CS compounds are compliant with food contact regulations. The compounds also offer excellent organoleptic performance.

General Information	
Features	Food Contact Acceptable
	Good Adhesion
	Good Colorability
	Good Organoleptic Properties
	Low Compression Set
	Low to No Odor
	Recyclable Material
Uses	Connectors
	Food Packaging
	Gaskets
	Seals
	Valves/Valve Parts
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm³	ISO 1183
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore A)	60		ISO 868
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress - Across Flow (Yield)	8.20	MPa	ISO 37
Tensile Elongation - Across Flow (Break)	860	%	ISO 37
Tear Strength - Across Flow [1]	20	kN/m	ISO 34-1
Compression Set [2]			ISO 815
23°C, 72 hr	24	%	
70°C, 22 hr	35	%	
100°C, 22 hr	41	%	
Injection	**Nominal Value**	**Unit**	
Rear Temperature	190 to 200	°C	
Middle Temperature	200 to 210	°C	

Front Temperature	210 to 220	°C
Nozzle Temperature	220 to 230	°C
Mold Temperature	15.0 to 50.0	°C

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	150 to 160	°C
Cylinder Zone 2 Temp.	160 to 170	°C
Cylinder Zone 3 Temp.	170 to 180	°C
Cylinder Zone 4 Temp.	180 to 190	°C
Cylinder Zone 5 Temp.	180 to 200	°C

NOTE	
1.	Method C, Crescent
2.	Type B

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