DAI-EL[™] T-550

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL Thermoplastic T-550 is a polymer consisting of fluororesin and fluoroelastomer. T-550 can be formed like a thermoplastic with properties similar to elastomer. T-550 has a good transparency and low extractable substances T-550 offers an excellent chemical resistance. T-550 demonstrates improved releasing properties compared with T-530.

Features Good Chemical Resistance High Clarity Low Extractables Uses Seals Sheet Tubing Appearance Clear/Transparent Forms Pellets Physical Nominal Value Unit Specific Gravity Ro8 Kgl 6.0 g/r0 min Hardness Nominal Value Unit Durometer Hardnes (Shore A) 73 Test Method Mechanical Nominal Value Unit Internal Method Coefficient of Friction 0.50	General Information			
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Melting Temperature 220 °C	Pyrolysis Initiation Temperature	380	°C	
	Thermal	Nominal Value	Unit	
Specific Heat 1260 J/kg/°C	Melting Temperature	220	°C	
	Specific Heat	1260	J/kg/°C	

Thermal Conductivity	0.15	W/m/K
Electrical	Nominal Value	Unit
Volume Resistivity	6.0E+14	ohms·cm
Dielectric Strength	14	kV/mm
Dielectric Constant (1 kHz)	6.20	

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