



Product Information

ESC-tal Compound POM95

Polyoxymethylene / Polyacetal

Property	Test Method	Units	Value
Mechanical			
Tensile Strength	ASTM D4745	PSI	10100
Elongation at Break	ASTM D4745	%	40
Tensile Modulus	DIN 53457	PSI	43500
Compressive Strength	DIN 53455	PSI	12800
Impact Strength		Mpa (psi)	
Hardness, D	ASTM D2240	D	85
PHYSICAL PROPERTIES			
Specific Gravity	ASTM D792		1.41
Moisture Absorption at Equilibrium	ASTM D570	%	0.2
Coefficient of Friction			0.28
THERMAL PROPERTIES			
COEF Thermal Expansion, 10-5/K		C	23-200
Max. Service Temp		F	212
Min. Service Temp		F	-49
Color	Black or Natural		