

DIC-PPS CZL-4033

(PPS+PTFE)-CF30

DIC Trading (USA) Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.001	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.01	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	19000	MPa	ASTM D 638
Tensile Strength	170	MPa	ASTM D 638
Elongation at Break	1.1	%	ASTM D 638
Compressive Strength	200	MPa	ASTM D 695
Flexural Modulus	18000	MPa	ASTM D 790
Flexural Strength	270	MPa	ASTM D 790
Rockwell Hardness	R 118	-	ASTM D 785
Izod Impact notched, 1/8 in	55	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	320	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
Coefficient of Thermal Expansion, MD	14	E-6/K	ASTM D 696
DTUL @ 264 psi	265	°C	ASTM D 648
Electrical properties			
ASTM Data			
Volume Resistivity	1000	Ohm*cm	ASTM D 257
Other properties			
Water Absorption, 24hr	0.02	%	ASTM D 570
Density	1530	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Black, Natural Color

Additives

Lubricants

Special Characteristics

Increased electrical conductivity

Features

Tribologic Grade

Regional Availability

North America, Europe, Asia Pacific