



LNP™ THERMOCOMP™ Compound RF0049S

Americas: COMMERCIAL

Also known as: LNP™ THERMOCOMP™ Compound RF-1004 FR HS

Product reorder name: RF0049S

LNP THERMOCOMP™ RF0049S is a compound based on Nylon 66 resin containing Flame Retardant, Glass Fiber. Added features of this material include: Flame Retardant.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	1390	kgf/cm ²	ASTM D 638
Tensile Strain, break	3.3	%	ASTM D 638
Flexural Stress	2030	kgf/cm ²	ASTM D 790
Flexural Modulus	76600	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	69	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	8	cm-kgf/cm	ASTM D 256
PHYSICAL			
Density	1.53	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.3 - 0.5	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs (5)	1 - 1.2	%	ASTM D 955
FLAME CHARACTERISTICS			
UL Compliant, 94V-0 Flame Class Rating (3)(4)	1.69	mm	UL 94 by SABIC-IP