

TECHNICAL DATA AND PROCESS SHEET

SAN COMPOUND WITH GRAPHITE, GLASS BEADS AND PTFE. DESIGNED FOR OPTIMUM DIMENSIONAL STABILITY AND WEAR RESISTANCE IN AQUEOUS ENVIRNMENTS

INLUBE INX-SAN-09055

TYPICAL PROPERTIES

PROPERTY	VALUE	UNIT	METHOD
PHYSICAL			
SPECIFIC GRAVITY	1.32		ASTM D792
WATER ABSORPTION	0.06	%	ASTM D570
MOLD SHRIKAGE, FLOW 0.125"	0.1-0.2	%	
MECHANICAL			
TENSILE STRENGTH, BRK	9,500	psi	ASTM D638
TENSILE ELONGATION	1-2	%	ASTM D638
FLEXURAL STRENGTH	12,000	psi.	ASTM D790
FLEXURAL MODULUS	900	kpsi	ASTM D790
IZOD IMPACT, NOTCHED	1.0	ft-lb/in	ASTM D256
IZOD IMPACT, UNNOTCHED	3-4	ft-lb/in	ASTM D256
THERMAL			
HEAT DEFLECTION 264psi	210	Deg F	
PROCESSING			
DRYING TEMPERATURE	180	°F	
DRYING TIME	4-6	hrs	
MELT TEMPERATURE	480-510	°F	
MOLD TEMPERATURE	150-180	°F	
BACK PRESSURE	50-100	psi	
SCREW SPEED	40-70	rpm	

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