



LNP™ COLORCOMP™ Compound AX98567H

Americas: COMMERCIAL

Also known as: LNP™ COLORCOMP™ Compound PDX-A-98567

Product reorder name: AX98567H

LNP COLORCOMP AX98567H is an unfilled compound based on ABS. Added feature of this grade is: Healthcare.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield, 5 mm/min	52	MPa	ISO 527
Tensile Strain, yield, 5 mm/min	2	%	ISO 527
Tensile Strain, break, 5 mm/min	15	%	ISO 527
Tensile Modulus, 1 mm/min	2500	MPa	ISO 527
Flexural Stress	75	MPa	ISO 178
Flexural Modulus, 2 mm/min	2600	MPa	ISO 178
IMPACT			
Charpy Impact, unnotched, -30°C	70	kJ/m ²	ISO 179/2C
Izod Impact, notched 80*10*4 +23°C	12	kJ/m ²	ISO 180/1A
Charpy Impact, notched, 23°C	11	kJ/m ²	ISO 179/2C
THERMAL			
CTE, 23°C to 60°C, flow	8.E-05	1/°C	ISO 11359-2
PHYSICAL			
Specific Gravity	1.06	-	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.4 - 0.6	%	ISO 294
Mold Shrinkage, xflow, 24 hrs (5)	0.4 - 0.6	%	ISO 294
Melt Volume Rate, MVR at 220°C/10.0 kg	16	cm ³ /10 min	ISO 1133
ELECTRICAL			
Volume Resistivity	1.E+16	Ohm-cm	IEC 60093
Surface Resistivity, ROA	1.E+16	Ohm	IEC 60093
FLAME CHARACTERISTICS			
UL Recognized, 94HB Flame Class Rating (3)	1.6	mm	UL 94



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Maximum Moisture Content	0.05 - 0.1	%
Melt Temperature	260	°C
Front - Zone 3 Temperature	265 - 275	°C
Middle - Zone 2 Temperature	230 - 245	°C
Rear - Zone 1 Temperature	205 - 215	°C
Mold Temperature	70 - 80	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm