



Technical Data Sheet

LCA® PPCO 20MF15TFUV Black

High Melt, 15% Talc Filled Copolymer Propylene UV Stabilized

Typical Compound Properties	Value / Measure		Test Methods
Physical Properties			
	English Units (ISO)	Metric Units	
Melt Flow Rate @ 230 / 2.16	20 g/10 min		ASTM D-1238
Density	1.05 g/cm ³	1.05 g/cm ³	ASTM D-792
Ash Content	15 %	15 %	ASTM D-5630
Linear Mold Shrinkage	in/in	mm/mm	ASTM D-955
Mechanical Properties			
Izod Impact - Notched	2.1 ft-lb/in (kJ/m)	112 J/m	ASTM D-256
Tensile Strength @ Yield	4,750 psi (Mpa)	33 MPa	ASTM D-638
Tensile Strength @ Break	psi (Mpa)	0 MPa	ASTM D-638
Tensile Elongation @ Yield	%	0 %	ASTM D-638
Tensile Elongation @ Break	12 %	12 %	ASTM D-638
Flexural Strength @ Yield	psi (Mpa)	0 MPa	ASTM D-790
Flexural Stress @ Break	psi (Mpa)	0 MPa	ASTM D-790
Flexural Stress @ 5% Strain	psi (Mpa)	0 MPa	ASTM D-790
Flexural Modulus	128,000 psi (Mpa)	883 MPa	ASTM D-790
Thermal Properties			
DTUL @ 66 psi (455 kPa)	Deg. F	Deg. C	ASTM D-648
@ 264 psi (1820 kPa)	Deg. F	Deg. C	ASTM D-648
Vicat Softening Temperature	Deg. F	Deg. C	ASTM D-1525





Technical Data Sheet

LCA® PPCO 20MF15TFUV Black

High Melt, 15% Talc Filled Copolymer Propylene UV Stabilized

Typical Processing Conditions			
Process Variable	Description	Values	
Temperatures		F	C
Barrel	Rear	420 - 440	
	Center	430 - 450	
	Front	440 - 460	
	Nozzle	450 - 470	
	Mold	80 - 150	
Drying			
Type			
Temperature			
Time			
Special Requirements			

