

TRILAC® ABS-TR558-CL

ABS

Amco Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	55.2	MPa	ASTM D 638
Elongation at Break	35	%	ASTM D 638
Flexural Modulus	2648	MPa	ASTM D 790
Rockwell Hardness	R 112	-	ASTM D 785
Izod Impact notched, 1/8 in	90.7	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.52	mm	-
DTUL @ 264 psi	87.8	°C	ASTM D 648

Optical properties	Value	Unit	Test Standard
Other Standards^{S1}			
Light Transmittance	85	%	

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1090	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Special Characteristics

Transparent

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa