

# Colorite 12 Series 7812

Polyvinyl Chloride

Colorite Polymers

Message:

Colorite 12 Series 7812 is a Polyvinyl Chloride product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of Colorite 12 Series 7812 include electrical/electronic applications, engineering/industrial parts and medical/healthcare.

Characteristics include:

- Good Mold Release
- Heat Resistant
- High Flow
- High Purity
- Non-Toxic

General Information			
Features	Good Mold Release		
	Good Thermal Stability		
	High Flow		
	High Purity		
	Non-Toxic		
Uses	Connectors		
	Medical/Healthcare Applications		
	Valves/Valve Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	8.27	MPa	ASTM D638
Tensile Strength	15.9	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-31.0	°C	ASTM D746

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Recommended distributors for this material

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