

# CERTENE™ LG790

Acrylonitrile Butadiene Styrene

Muehlstein

## Message:

CERTENE™LG790 is an acrylonitrile butadiene styrene (ABS) material. This product is available in North America and is processed by injection molding. CERTENE™The main characteristics of LG790 are: low gloss.

General Information			
Features	Gloss, low		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	7.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 - 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2210	MPa	ASTM D638
Tensile Strength (Yield)	35.9	MPa	ASTM D638
Flexural Modulus	2480	MPa	ASTM D790
Flexural Strength	72.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	170	J/m	ASTM D256

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## Recommended distributors for this material

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