

ABS-M30

TECHNOLOGY: FDM

APPLICATIONS: Conceptual Modeling / Functional Prototyping / Manufacturing Tools / End-Use-Parts

DESCRIPTION:

ABS-M30 is up to 25-70 percent stronger than standard ABS, for a more durable part. This results in more realistic functional tests and higher quality parts for end use. ABS-M30 gives you Real Parts that are stronger, smoother, and with better feature detail.

Ideal material for conceptual modeling, functional prototyping, manufacturing tools, and end-use-parts. ABS-M30 has greater tensile, impact, and flexural strength than standard ABS.

TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS
Tensile Strength (Type 1, 0.125", 0.2"/min)	ASTM D638	36 MPA
Tensile Modulus (Type 1, 0.125", 0.2"/min)	ASTM D638	2,400 MPA
Tensile Elongation (Type 1, 0.125", 0.2"/min)	ASTM D638	4 %
Flexural Strength (Method 1, 0.05"/min)	ASTM D790	61 MPA
Flexural Modulus (Method 1, 0.05"/min)	ASTM D790	2,300 MPA
IZOD Impact, notched (Method A, 23°C)	ASTM D256	139 J/M
IZOD Impact, un-notched (Method A, 23°C)	ASTM D256	283 J/M