



ADVANCING STANDARDS  
TRANSFORMING MARKETS

## ASTM International Laboratory Services

### Plastics Reference Materials Catalog (as of March 2026)

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Product Code	Method	Property	Material
RM_PP-CP_ASTM-D648	ASTM-D648	Deflection Temperature	Polypropylene (Copolymer)
RM_HDPE_ASTM-D792	ASTM-D792	Specific Gravity	High-Density Polyethylene
RM_LDPE_ASTM-D792	ASTM-D792	Specific Gravity	Low-Density Polyethylene
RM_LLDPE_ASTM-D792	ASTM-D792	Specific Gravity	Linear Low-Density Polyethylene
RM_HDPE_ASTM-D1238	ASTM-D1238	Melt Flow Rate	High-Density Polyethylene
RM_LDPE_ASTM-D1238	ASTM-D1238	Melt Flow Rate	Low-Density Polyethylene
RM_LLDPE_ASTM-D1238	ASTM-D1238	Melt Flow Rate	Linear Low-Density Polyethylene
RM_PP_ASTM-D3418	ASTM-D3418	Transition Temperatures	Polypropylene
RM_HDPE_ASTM-D3850	ASTM-D3850	Thermogravimetric Data	High-Density Polyethylene
RM_LDPE_ASTM-D3850	ASTM-D3850	Thermogravimetric Data	Low-Density Polyethylene
RM_LLDPE_ASTM-D3850	ASTM-D3850	Thermogravimetric Data	Linear Low-Density Polyethylene
RM_PP_ASTM-D3850	ASTM-D3850	Thermogravimetric Data	Polypropylene
RM_PBT_ASTM-D3850	ASTM-D3850	Thermogravimetric Data	Polybutylene Terephthalate
RM_PEEK_ASTM-D3850	ASTM-D3850	Thermogravimetric Data	Polyether Ether Ketone
RM_PPS_ASTM-D3850	ASTM-D3850	Thermogravimetric Data	Polyphenylene Sulfide
RM_PP-CP_ASTM-D5492	ASTM-D5492	Xylene Solubles	Polypropylene (Copolymer)
RM_PP-HP_ASTM-D5492	ASTM-D5492	Xylene Solubles	Polypropylene (Homopolymer)
RM_HDPE_ASTM-D5630	ASTM-D5630	Ash Content	High-Density Polyethylene
RM_HDPE_ASTM-D6247	ASTM-D6247	Elemental Content	High-Density Polyethylene
RM_LLDPE_ASTM-D6247	ASTM-D6247	Elemental Content	Linear Low-Density Polyethylene
RM_HDPE_ASTM-E1131	ASTM-E1131	Compositional Analysis	High-Density Polyethylene
RM_LDPE_ASTM-E1131	ASTM-E1131	Compositional Analysis	Low-Density Polyethylene
RM_LLDPE_ASTM-E1131	ASTM-E1131	Compositional Analysis	Linear Low-Density Polyethylene
RM_PBT_ASTM-E1131	ASTM-E1131	Compositional Analysis	Polybutylene Terephthalate