

Product Texts

73005 TU is a Rotomolding grade LLDPE produced by the Spherilene Technology with controlled morphology, excellent balance of Processability, Mechanical Properties and UV Stability.

73005TU is stabilized adequately with HALS to give a long service life under outdoor exposure.

73005 TU is ideally suited for Tanks and Containers with good UV stability for domestic and industrial water storage, sanitation and agriculture.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	17	MPa	ASTM D 638
Elongation at Break	500	%	ASTM D 638
Flexural Modulus	450	MPa	ASTM D 790
Izod Impact notched, 1/8 in	350	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	74	°C	ASTM D 648
Melting Temperature	126	°C	ASTM D 3418
Vicat Temperature	111	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	934	kg/m ³	ASTM D 792

Characteristics

Processing

Rotational Molding

Regional Availability

Asia Pacific

Special Characteristics

U.V. stabilized or stable to weather