

Laboratory	Central Institute of Plastics Engineering & Technology (CIPET), DCRUST Campus, 50th Mile Stone, NH-1, Murthal, Sonapat, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	11.01.2014
Certificate Number	T-1626	Valid Until	10.01.2016
Last Amended on	-	Page	1 of 3

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
--------------	---------------------------------------	--------------------------------	--	---

I. PLASTICS & PLASTIC PRODUCTS

1.	UPVC Pipe for SWR Pipe	Stress Relief Test	IS 12235 (Part-6) 2004	Qualitative
		Resistance to Sulphuric Acid	IS 12235 (Part-7) 2004	0.01 to 10 gms
		Axial Shrinkage	IS 13592-1992 (Reaffirmed 2002)	0.02 to 200 mm
2.	UPVC Pipes for Potable Water Supplies, UPVC Pipe for SWR Pipe, UPVC Screen and Casing Pipes for Bore / Tube Well	Vicat Softening Temperature	IS 12235 (Part-2) 2004 IS 6307-1985 (Reaffirmed 2003) ASTM D 1525-09	40 to 200°C
3.	UPVC Pipe for Potable Water Supplies	Sulphated Ash Content	IS 4985-2000 (Reaffirmed 2005)	0.10 to 50%
4.	LDPE Films, HDPE Pipes for Water Supplies, Irrigation Equipment Sprinkler Pipes-Quick Coupled Polyethylene Pipes, Rotational Molded Polyethylene Water Storage Tanks, Plastic Materials	Melt Flow Index	IS 2530-1963 (Reaffirmed 2003) ASTM D 1238-10	0.05 to 60 g / 10 Min.

Laboratory Central Institute of Plastics Engineering & Technology (CIPET),
DCRUST Campus, 50th Mile Stone, NH-1, Murthal, Sonapat, Haryana

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 11.01.2014

Certificate Number T-1626 **Valid Until** 10.01.2016

Last Amended on - **Page** 2 of 3

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
5.	HDPE Pipes for Water Supplies, Rotational Molded Polyethylene Water Storage Tanks	Overall Migration	IS 9845-1998	0.01 to 100 mg/l
6.	HDPE Pipes for Water Supplies, Low Density Polyethylene Films, Irrigation Equipment Sprinkler Pipes, Quick Coupled Polyethylene Pipes, Irrigation Equipments Polyethylene pipes for Irrigations laterals, Rotational Molded Polyethylene Water Storage Tanks, Plastic materials	Carbon Black Content	IS 2530-1963 (Reaffirmed 2003) ASTM D 1603-12	0.10 to 45%

Laboratory Central Institute of Plastics Engineering & Technology (CIPET),
DCRUST Campus, 50th Mile Stone, NH-1, Murthal, Sonapat, Haryana

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 11.01.2014

Certificate Number T-1626 **Valid Until** 10.01.2016

Last Amended on - **Page** 3 of 3

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
7.	HDPE Pipes for Water Supplies, Low Density Polyethylene Films, Irrigation Equipment- Sprinkler Pipes- Quick Coupled Polyethylene Pipes for Irrigations laterals, Rotational Molded Polyethylene Water Storage Tanks	Carbon Black Dispersion	IS 2530-1963 (Reaffirmed 2003)	Qualitative
8.	Irrigation Equipments Polyethylene Pipe for Irrigation Laterals	Susceptibility to Environmental Stress Cracking	IS 12786-1989 (Reaffirmed 2006)	Qualitative
9.	Plastic Materials	Water Absorption	IS 13411-1992 (Reaffirmed 2003) ASTM D 570-10	0.01 to 60%
		Filler Content	ISO 3451 (Part-V) 2002	0.01 to 90%

~~-X-X-X-X-X-X-X-X-X-X-X-X-~~