

Inspection Report for COD

Items: COD 32mm x 4 lines

No.	Test Item	Requirements	Sample1	Sample2	Reference	
1	Pipe Dimension	Outer Duct	O.D. (110±3mm)	110	110	Ruler test
			I.D. (89±3mm)	90	89	Ruler test
		Inner Duct	O.D. (37±2mm)	37	37.5	Ruler test
			I.D. (32±2mm)	32	32	Ruler test
			Thickness (2.5±0.5mm)	2.5	2.6	Ruler test
2	Compression strength	Not to produce fissure of crack Outside Deformation rate is less than 3.5%	PASS	PASS	KS C 8455	
3	Tensile strength	Min. 200N/cm ²	215.8	218.2	KS C 8455	
4	Voltage resistance test	No dielectric breakdown shall appear for AC10000V, 1Min	PASS	PASS	KS C 8455	
5	Impact test	Splits or cracks shall not be observed.	PASS	PASS	KS C 8455	
6	Immersion test	10% SODIUM CHLORIDE : ±0.5/M ² 30% SULFURIC ACID : ±0.5/M ² 40% NITRIC ACID : ±1.0/M ² 40% SODIUM HYDROXIDE : ±0.5/M ² 95% ETHYL ALCOHOL : ±0.4/M ²	PASS	PASS	KS C 8455	
**REMARKS					Final Test Result	
					PASS	

Inspector by Park, Chan Guk / Manager

ITECO LTD.



PRESIDENT K. R. LEE