

**TEST REPORT**

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**REPORT NUMBER :** TURT180184016  
**APPLICANT NAME :** FPN Yangın Koruma Sistemleri ve Üretim A.Ş.  
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**SAMPLE DESCRIPTION :** One sample of JI-006-23.07.18 Fipron Cord  
**DATE IN :** 5 October ,2018 ( 16:02:00)  
**DATE OUT :** 17 October ,2018  
**MANUFACTURER'S NAME :** FPN YANGIN KORUMA SİSTEMLERİ VE ÜRETİM A.Ş.  
**COUNTRY OF ORIGIN :** TURKEY  
**REQUEST.** RoHS Test was performed according to 2011/65/EU Directive.  
**RESULTS:** See attachment

PART	DESCRIPTION	CONCLUSION
Sample 1	Sample	Pass

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PP



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### (B) REQUIREMENT :

SUBSTANCE	LIMITS	
Cadmium (Cd) Content	0.01 % (100 ppm)	
Chromium VI (Cr+6) Content (ppm) (for non metal)	0.1 % (1000 ppm)	
Chromium VI (Cr+6) Content (µg/cm <sup>2</sup> ) (for metal)	<u>Colorimetric result</u>	<u>Qualitative Result</u>
	< 0.10 µg/cm <sup>2</sup>	Negative
	≥ 0.10 µg/cm <sup>2</sup> and ≤ 0.13 µg/cm <sup>2</sup>	Inconclusive
	> 0.13 µg/cm <sup>2</sup>	Positive
Lead (Pb) Content	0.1 % (1000 ppm)	
Mercury (Hg) Content	0.1 % (1000 ppm)	
Flame Retardants	0.1 % (1000 ppm)	

### (C) TEST METHOD :

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd) Content	With reference to IEC 62321-5:2013, by microwave or acid digestion and determined by ICP-OES	Plastic : 2.5 ppm, Metal : 5 ppm, Ceramic : 1.25 ppm
Lead (Pb) Content	With reference to IEC 62321-5:2013, by microwave or acid digestion and determined by ICP-OES	Plastic : 5 ppm, Metal : 10 ppm, Ceramic : 2.5 ppm
Mercury (Hg) Content	With reference to IEC 62321-4:2017, by microwave or acid digestion and determined by ICP-OES	Plastic : 5 ppm, Metal : 10 ppm, Ceramic : 2.5 ppm
Chromium VI (Cr6+) (For non-metal)	With reference to IEC 62321-7-2:2017, by alkaline digestion and determined by UV-VIS spectrophotometer	Plastic : 25 ppm (PVC based) / 8.33 ppm (other), Ceramic : 8.33 ppm
Chromium VI (Cr6+) (For metal)	With reference to IEC 62321-7-1:2015, by boiling water extraction and determined by UV-VIS spectrophotometer	0.1 mg/kg with 50 cm <sup>2</sup> (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321-6:2015, by solvent extraction and determined by GC/MS and HPLC	5 ppm

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Sample 1



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##### END OF TEST REPORT ###