ISO/TR 17051:2020 (E)

Rubber, vulcanized — Guidelines for material specification

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Designing a material specification

5 Designation system

Annex A (informative) Material description

- A.1 Natural rubber (NR)
- A.2 Styrene-butadiene rubber (SBR)
- A.3 Ethylene-propylene rubber (EPM, EPDM)
- A.4 Chloroprene rubber (CR)
- A.5 Nitrile rubber (NBR)
- A.6 Hydrogenated nitrile rubber (HNBR)
- A.7 Nitrile rubber mixed with PVC, NBR/PVC
- A.8 Silicone rubber (VMQ)
- A.9 Fluorocarbon rubber (FKM)
- A.10 Acrylic rubber (ACM)
- A.11 Ethylene acrylic rubber (AEM)
- A.12 Epichloro hydrin rubber, ECO

Annex B (informative) Rubber specification — Natural rubber (NR)

Annex C (informative) Rubber specification — Styrene-butadiene rubber (SBR)

Annex D (informative) Rubber specification — Nitrile rubber (NBR)

Annex E (informative) Rubber specification — Hydrogenated nitrile rubber (HNBR)

Annex F (informative) Rubber specification — Nitrile rubber with PVC (NBR/PVC)

Annex G (informative) Rubber specification — Chloroprene rubber (CR)

Annex H (informative) Rubber specification — Acrylic rubber (ACM)

Annex I (informative) Rubber specification — Ethylene acrylic rubber (AEM)

Annex J (informative) Rubber specification — Fluorcarbon rubber (FKM)

Annex K (informative) Rubber specification — Silicone rubber (VMQ)

Annex L (informative) Rubber specification — Epichlorohydrin rubber (ECO)

Annex M (informative) Rubber specification — Ethylene-propylene rubber (EPM and EPDM)

Page count: 38